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407-823-2000

UCF Downtown
500 W. Livingston St.
Orlando, FL 32801
ucf.edu/downtown
407-823-2000

UCF Health Sciences Campus at Lake Nona
6850 Lake Nona Blvd.
Orlando, FL 32827
med.ucf.edu
407-266-1000

UCF Rosen College of Hospitality Management
9907 Universal Blvd.
Orlando, FL 32819
hospitality.ucf.edu
407-903-8000

UCF Connect Centers

connect.ucf.edu
407-823-4547

UCF Connect Altamonte Springs Center
850 S. State Road 434, Suite A426
Altamonte Springs, FL 32714

UCF Connect Cocoa Center
1519 Clearlake Road, Building 3
Cocoa, FL 32922

UCF Connect Daytona Beach Center
1200 W. International Speedway Blvd.
Daytona Beach, FL 32114

UCF Connect Ocala Center
3001 SW College Road
Ocala, FL 34474

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100 Weldon Blvd.
Partnership Center
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UCF Connect South Lake Center
1250 N. Hancock Road
Clermont, FL 34711

UCF Connect Valencia East Center
701 N. Econlockhatchee Trail,
Building 5, Rooms 230E & 230G
Orlando, FL 32825

UCF Connect Valencia Osceola Center
1800 Denn John Lane, Building 4
Kissimmee, FL 34744

UCF Connect Valencia West Center
1800 S. Kirkman Road,
Building 11, Room 104
Orlando, FL 32811

Undergraduate Information

Undergraduate Admissions
University of Central Florida
P.O. Box 160111
Orlando, FL, 32816-0111
admissions.ucf.edu
407-823-3000

Office of Student Financial Assistance
University of Central Florida
4000 Central Florida Blvd.,
Millican Hall, Room 107
Orlando, FL 32816-0113
finaid.ucf.edu
407-823-2827

Registrar's Office
University of Central Florida
P.O. Box 160114
Orlando, FL 32816-0114
registrar.ucf.edu
407-823-3100

Housing and Residence Life
University of Central Florida
P.O. Box 163222
Orlando, FL 32816-3222
housing.ucf.edu
407-823-4663

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College of Engineering and Computer Science	2828
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Mission Statement and UCF Creed



Mission Statement

The University of Central Florida is a public multi-campus, metropolitan research university that stands of opportunity. The university anchors the Central Florida city-state in meeting its economic, cultural, intellectual, environmental and societal needs by providing high-quality, broad based education and experienced-based learning; pioneering scholarship and impactful research; enriched student development and leadership growth; and highly relevant continuing education and public service initiatives that address pressing local, state, national, and international issues in support of the global community.

The UCF Creed

Integrity, scholarship, community, creativity, and excellence are the core values that guide our conduct, performance, and decisions. These values comprise the guiding principles that direct the actions of the University, its students and its employees.

Integrity

I will practice and defend academic and personal honesty.

Scholarship

I will cherish and honor learning as a fundamental purpose of my membership in the UCF community.

Community

I will promote an open and supportive campus environment by respecting the rights and contributions of every individual.

Creativity

I will use my talents to enrich the human experience.

Excellence

I will strive toward the highest standards of performance in any endeavor I undertake.

President's Message



UNIVERSITY OF
CENTRAL FLORIDA

Office of the President
P.O. Box 160002

Orlando, FL 32816-0002

Knights,

Whether you are just joining UCF or are planning classes for your final semester, we are excited to provide you with opportunities and support to help each of you reach your academic and professional dreams.

Even as the ways that we teach and learn change, you can have confidence in the high value of a UCF education and our commitment to providing you with the resources you need to be successful while you are here and after you graduate.

At UCF, our motto is "Reach for the Stars." It pushes us to think big and to refuse to be limited by what others say is possible. This mindset has helped UCF become one of the most innovative universities in the country, with a sense of entrepreneurship and optimism that is unique to Knight Nation.

Because of this, UCF is an outstanding leading research institution that remains on the rise. We harness our ingenuity in teaching and research and our strong community connections to help you reach new heights — in the classroom, laboratory, studio, field and court — so you can show the brilliance and unwavering confidence that Knights are known for.

I hope you take advantage of everything available to you this year to make the most of your college experience and set yourself up for the future. Our job is to remove the barriers to your success so that you are able to unleash your full potential.

Best wishes for a great academic year, and in everything ... Charge On!

Sincerely,



Alexander N. Cartwright, Ph.D.
President

Colleges

Burnett Honors College

Dean: *Sheila Amin Gutiérrez de Piñeres*

Burnett Honors College (BHC)

honors.ucf.edu

407-823-5855

Fax: 407-823-6583

honors@ucf.edu

Senior Associate Dean: *Martin Dupuis*

Assistant Dean of Student Services: *Madi Dogariu*

Director of Budget and Personnel: *Lesanne Brunswick*

Director of Academic Advising: *Rex Roberts*

Director of Prestigious Awards: *Morgan Bauer*

Director of Honors Research: *Padmini Coopamah Waldron*

The Burnett Honors College (BHC) fosters an environment of academic excellence and intellectual inquiry that gives students the best of both worlds — an intimate, welcoming place to learn and make new friends as well as access to the resources of one of the nation's largest and most innovative metropolitan research universities. BHC focuses on developing highly skilled graduates distinctively prepared for tomorrow's complex challenges, while being mindful of today's changing demographics and the importance of access to opportunity. The college creates a diverse learning

community that cultivates talent and inspires excellence. The Burnett Honors College offers two main program tracks, University Honors and Honors Undergraduate Thesis.

Students in BHC are actively involved in co-curricular and social activities. They also have priority registration privileges and access to the Honors Reading Room, Computer Labs, Meditation Garden, and Honors Living Learning Communities.

University Honors

Students of all majors participate in the University Honors program, which is based on nearly 240 distinctive, small honors classes generally capped at about 20 students. The honors curriculum, which consists of honors courses, interdisciplinary seminars, and the honors symposium, takes place over the student's undergraduate career. Though a thesis is not required, the program provides breadth, depth, and engagement with the learning process. All honors courses meet UCF General Education and major-specific requirements. Honors interdisciplinary seminars allow students to explore topics outside the confines of their discipline. As students participate in the University Honors program, they are encouraged to not only pursue rigorous coursework inside and outside the major but also to engage in research, internships, and study abroad programs.

Admission to University Honors is granted by BHC to qualified incoming "first time in college" (FTIC) freshmen on a competitive basis. Students who seek admission to University Honors must apply directly to BHC. It is the student's responsibility to obtain the appropriate Honors College admissions information from the Office of Student Services and follow the procedures necessary to enter the program. More details can be found at <https://honors.ucf.edu/admissions>. Prospective Honors students and their families are encouraged to contact Honors staff at HonorsAdmissions@ucf.edu if they have questions.

Qualified students who transfer to UCF with an A.A. degree with Honors from a Florida College System institution that has an Honors articulation agreement with BHC will be admitted into University Honors with junior standing. Further information is available from the Office of Student Services at honors.ucf.edu/admissions.

First year UCF students who started in the summer or fall semester and meet all stated criteria may apply to the University Honors program during their first spring semester at UCF. This second-year entry gateway to the Burnett Honors College provides an opportunity for students who show exceptional academic ability and intellectual curiosity. Admission to the program is highly competitive. Further information is available at honors.ucf.edu/admissions/university-honors-current-ucf-students/.

University Honors students must take eight Honors courses total by the time they graduate. Students must also maintain a 3.3 UCF GPA and uphold the tenets of the Honor Code to remain in good standing with the Burnett Honors College. Please contact the Office of Honors Advising if you have any specific questions about Honors requirements, including when courses will be offered and possible substitutions.

By the end of the semester prior to the term in which a student plans to graduate with University Honors, the student must file a completed "Intent to Graduate with University Honors" form with BHC. Graduating seniors must complete the online "University Honors Exit Survey" by the end of the semester in which they plan to graduate. A student who completes all the requirements for University Honors will have the designation of University Honors entered on the diploma and transcript. Note: No student with a "Z" designation on their final transcript is eligible to graduate with University Honors.

Summary Table of University Honors Requirements

Symposium:	Honors Symposium (IDH 1920H) is a mandatory one-credit hour course required for all new University Honors students. This course includes guest lectures and discussions.
Lower-division:	Four courses. Extra upper-division courses/seminars can substitute for lower-division courses.
Upper-division:	Three courses, including at least one Honors interdisciplinary seminar. These courses vary by college and major. Please see the BHC website for specific course options. Completion of the Honors Undergraduate Thesis program will satisfy one upper-division Honors requirement for any major.

Note: *Students who are pursuing University Honors in two degrees must complete an additional upper-division course or interdisciplinary seminar to receive University Honors distinction on both diplomas.*

Honors Undergraduate Thesis

The Honors Undergraduate Thesis program allows students to undertake original and independent research or a creative project as principal investigators and independent scholars under faculty supervision. Students enroll in a credit-bearing two-course sequence (which can be extended to three or four, as necessary) in which they research, write, defend, and publish an original Honors thesis. The thesis is published through the UCF library and is available to researchers worldwide. Students who fulfill all program requirements earn the Honors distinction on their diploma and transcript. No student with a "Z" designation on their final transcript is eligible to graduate with Honors.

The Burnett Honors College offers two tracks for the Honors Undergraduate Thesis:

Honors in the Major

Honors in the Major is the oldest and most prestigious undergraduate research program at UCF. Students complete a thesis or creative project in their declared academic major.

Interdisciplinary Honors Thesis

This interdisciplinary track, in which students earn Honors in Research or Honors in Creative Inquiry, allows students to write an Honors thesis in their minor or a discipline other than their major.

Program Requirements

- Earn a grade of A, B or S in Directed Readings course(s)
- xxx 4903H - Honors Directed Readings I or approved substitute (3 credit hours)
- xxx 4904H - Honors Directed Readings II (optional - 1 or 3 credit hours)
- Form a thesis committee that meets the requirements of the Honors Undergraduate Thesis program and submit a thesis proposal that has been approved by the thesis committee.
- Earn a grade of A, B or S in Thesis course(s)
- xxx 4970H - Honors Thesis I (3 credit hours)
- xxx 4971H - Honors Thesis II (optional - 1 or 3 credit hours)
- Submit Notice of Defense and thesis approval forms.
- Submit approved thesis to UCF Libraries.

Eligibility

Admission to the Honors Undergraduate Thesis program is granted by the Burnett Honors College to all qualified UCF students. Students apply directly to the Office of Honors Research and may start in Fall, Spring and Summer terms.

Prospective students are encouraged to review our website for admission criteria, application deadlines and other information at honors.ucf.edu/research.

Note: A collection of completed Honors Undergraduate Theses can be found online at stars.library.ucf.edu/honorstheses.

Office of Prestigious Awards

The Office of Prestigious Awards (OPA) provides all UCF students with information and advising for major national and international fellowships and scholarships. OPA serves as the UCF campus representative for all awards requiring university endorsement or nomination, including the Rhodes, Marshall, Fulbright, Goldwater, and Truman scholarships. While OPA is housed within the Burnett Honors College, it serves the entire UCF community.

OPA works closely with students throughout all stages of their application process. Because of the competitive nature of these awards, preparation is both intensive and extensive and can begin as early as a student's freshman year. Students who are applying for a prestigious scholarship or fellowship are encouraged to contact OPA for assistance with their applications, even if the award does not require institutional endorsement. Students seeking more information can visit opa.ucf.edu or contact OPA by phone at 407-823-0851, in TCH 248, or by email at opa@ucf.edu.

College of Arts and Humanities

Dean: *Jeffrey Moore*

College of Arts and Humanities (CAH) 190

cah.ucf.edu

407-823-2251

Executive Associate Dean: *Lyman Brodie*

College of Arts and Humanities (CAH) 190

407-823-2251

Associate Dean: *Lynn Hepner*

College of Arts and Humanities (CAH) 190

407-823-2251

Associate Dean: *Nancy Stanlick*

College of Arts and Humanities (CAH) 190

407-823-2251

Assistant Dean: *Cathy Radzai*

College of Arts and Humanities (CAH) 190

407-823-2251

Assistant to the Dean: *Paul Lartonoix*

College of Arts and Humanities (CAH) 190

407-823-2251

The College of Arts and Humanities includes the following departments: English, History, Modern Languages & Literatures, Philosophy, and Writing and Rhetoric. The college also oversees the School of Visual Arts and Design, which offers degrees in Architecture, Emerging Media, Photography, and Studio Art and the School of Performing Arts, which offers degrees in Music and Theatre. In keeping with the goals of the University of Central Florida, the College is responsible for all programs in the areas of humanities and arts. The departments and schools collectively offer more than 97 baccalaureate and graduate programs. For additional information concerning graduate programs, please refer to the current online Graduate Catalog. In addition to providing academically strong degree programs in the areas noted above, the College of Arts and Humanities offers a selection of courses that are designed to complement the programs of the other colleges of the University. These offerings include a number of courses

necessary to satisfy the University's General Education program and foreign language requirements.

A student enrolled in the College as an undergraduate must fulfill all University degree requirements including those for general education as well as the particular requirements set forth within each degree program. To be certified for graduation, a student must achieve at least a "C" GPA (2.0) in the courses of his or her major and/or minor. Some departments also require a minimum grade in each major course. Students are advised to consult their departmental advisor for specific policies. For programs with a foreign language graduation requirement, American Sign Language is not considered a foreign language and will not fulfill the requirement.

Pre-professional Programs

Pre-law Program

There is no preferred major for pre-law. Law schools accept superior students with a good liberal arts background, regardless of major field. A Bachelor of Arts or Bachelor of Science degree with approximately three-fourths of the course work representing theory content is typically suggested. Majors such as English, History, Legal Studies, Philosophy, Political Science, Sociology, and Writing and Rhetoric meet this criterion. The College of Arts and Humanities also offers a Pre-Law in the Humanities Minor. The quality of undergraduate education for the legal profession, according to the Association of American Law Schools, is grounded in three basic skills and insights: comprehension and expression in words, critical understanding of the human institutions and values with which the law deals, and the creative power of thinking. Law schools require that the Law School Admission Test (LSAT) be taken prior to consideration for admission. General information pertaining to programs of study, the LSAT, careers, and law schools can be obtained from the Office of Pre-Health and Pre-Law Advising.

Advisement

College of Arts and Humanities Student Advising (CAHSA)

Director: *Delia Garcia*

Trevor Colbourn Hall (TCH) 159

cahsa.cah.ucf.edu

407-823-3312

cahsa@ucf.edu

CAHSA is the primary office for undergraduate academic assistance in the College of Arts and Humanities. CAHSA assists students in the College with academic advising, orientation, registration, graduation certification and with the interpretation of College/University policies and procedures. Students with a declared College of Arts and Humanities major should direct any questions to their assigned CAHSA advisor, which is listed in the myUCF students center. Non-CAH majors with questions should email cahsa@ucf.edu or visit CAHSA in TCH 159 during regular business hours. Questions concerning the requirements within a major should be directed to the department offering the degree. The student should meet with their assigned CAHSA advisor and major/minor advisor at least once a semester.

Program Planning

Although suggested curricula are available in most areas, students will plan their program in consultation with a faculty advisor appointed by the major department.

International Study Centers

Undergraduate Inter-institutional Transient Program

The State University System operates study centers in London, England and Florence, Italy during the Fall and Spring semesters. Students with 27 or more credit hours of credit and a minimum GPA of 2.5 or above in all state universities are eligible to apply for one or both semesters as inter-institutional transient students. Faculty at the centers are drawn from the nine state universities. While credits are earned through Florida State University, which administers the program on behalf of the State University System, credits are fully transferable within the System. Students at the Centers are considered to be resident in their home institutions for attendance and degree purposes.

Classes at the Florence Center emphasize art history, Italian, social sciences, and the humanities; at the London Center, theatre, business, English, history and the social sciences are emphasized. Field trips and museum visits are common to both. For further information, consult UCF Abroad at 407-882-2300.

Program Academic Learning Compacts

Program Academic Learning Compacts (student learning outcomes) for undergraduate programs in the College of Arts and Humanities are located at oeas.ucf.edu/about/academiclearningcompacts.

Graduate Programs

Please visit the Graduate Catalog for a list of all graduate programs. All Undergraduate programs for the College of Arts and Humanities can be found below.

Departments

- [Department of English](#)
- [Department of History](#)
- [Department of Modern Languages and Literatures](#)
- [Department of Philosophy](#)
- [Department of Writing and Rhetoric](#)
- [Program in Women's and Gender Studies](#)
- [School of Performing Arts](#)
- [School of Visual Arts and Design](#)

College of Business Administration

Dean: *Paul Jarley*

Business Administration I (BA1) 230

business.ucf.edu

407-823-2181

Associate Dean: *Sean Robb*

Business Administration I (BA1) 230

407-823-2181

Associate Dean: *Sevil Sonmez*

Business Administration I (BA1) 230

407-823-2181

Assistant Dean: *Darrell Johnson*

Business Administration II (BA2) 101

407-823-2987

Vision

#UCFBusiness will continue the transformation into a next-generation business school through the development of a unique college culture; one that promotes engagement, risk-taking, cross-disciplinary collaboration and data-driven decision making.

Moving Forward

While core business curriculum remains unchanged, the world of business is constantly changing, as is the way students learn and receive information.

The foundation of the College of Business Administration's mission and vision are to strengthen the college, the university, and ultimately, the Central Florida community. This is achieved by focusing on critical factors in higher education: students, faculty, programs and facilities. As such, the college aspires to:

- Offer the benefits of a large, metropolitan research university while providing individual attention and maintaining a sense of community for our students and faculty.
- Create a state-of-the-art educational facility that cultivates a learning environment, promoting collaboration, engagement, risk taking and data-driven decision making.
- Provide increased opportunities for student engagement and one-on-one learning.
- Cultivate an ecosystem that develops entrepreneurs from all backgrounds and skill sets.
- Raise the academic profile of the college by recruiting research faculty in key disciplines and by incorporating top industry executives into the curriculum.

The college will elevate the career prospects of students as well as the perceptions of graduates in the community, by ensuring students are career-ready upon graduation by providing experiential learning and developmental feedback. In addition, the college strongly encourages students to explore possible careers through mentoring, summer employment and job shadowing.

All undergraduate and graduate programs are accredited by the Association to Advance Collegiate Schools of Business International (AACSB).

Pre-Major

Admission to the University of Central Florida does not equate to admission to the College of Business Administration (CBA). The CBA is a selective admission college. Students must qualify to be admitted into the college and therefore all students enter the university as a 'pre' business major. This applies regardless of the specific business major a student intends to pursue. As a 'pre' major, students will:

1. Complete the General Education Program
2. Complete the Gordon Rule requirements
3. Complete the Business Common Program Prerequisites (CPP) with a grade of C or better. The CPP classes are:
 - MAC 1105C - College Algebra
 - ACG 2021 - Principles of Financial Accounting
 - ACG 2071 - Principles of Managerial Accounting
 - ECO 2013 - Principles of Macroeconomics
 - ECO 2023 - Principles of Microeconomics
 - QMB 3003 - Quantitative Business Tools I or STA 2023 - Statistical Methods I and MAC 2233 - Concepts of Calculus or MAC 2311C - Calculus with Analytic Geometry I and MAC 2312 - Calculus with Analytic Geometry II
 - CGS 2100C - Computer Fundamentals for Business
4. Complete the Primary Business Core at UCF or an AACSB accredited institution. The Primary Business Core classes are:
 - MAN 3025 - Management of Organizations
 - MAR 3023 - Marketing
 - FIN 3403 - Business Finance
 - QMB 3200 - Quantitative Business Tools II
 - ACG 3173 - Accounting for Decision-Makers
 - Or if Pre-Accounting** ACG 3131 - Intermediate Financial Accounting I
5. Complete GEB 3006: Career Exploration and Financial Planning

The Career Exploration and Financial Planning course provides the opportunity to learn and develop personal skills in career and financial management to successfully navigate on-going work and life challenges. Students are given the opportunity to apply career and financial management principles to make appropriate, timely and financially responsible choices with respect to majors/programs of study, progress through the curriculum, and post-graduation options. It is also designed to help students align their major and career interest. Students will take self-assessments to identify career-related skills and interests. Based on their results, students perform research to identify and learn about a target career, target company(ies), and target

entry-level jobs.

The Business Common Program Prerequisites are required curriculum for all students within the Florida State University system pursuing a BSBA degree.

The Primary Business Core classes are the heart of the business world. As such they provide students with the basics to be successful in any business endeavor. It is important that students strive to thoroughly learn the material in this coursework as academic performance in the Primary Business Core is used to meet admission to the major standards.

All of the above requirements (numbers 1-5) must be completed before beginning any Business Major.

How to Select Your Major

Now you are ready to select a business major based upon your interests and skills identified in the GEB 3006 class, and your experiences in all of the Primary Business Core classes.

Due to the highly specialized nature of the revised Accounting, Finance, Management, and Marketing majors, interested candidates must show mastery of the subject matter in all aspects of the Primary Business Core, as demonstrated by a 3.0 GPA in the five classes. Additionally, a grade of at least a "B" is required in the introductory course of your desired major and a minimum grade of "C" is required in all Primary Core courses. Upon admission into the Accounting, Finance, Management, and Marketing majors, students must maintain a minimum 2.75 GPA in the Major and a minimum 2.0 GPA in the College to successfully complete the degree.

Admission to the Economics, Integrated Business, and Real Estate majors requires completion of the five Primary Business Core classes with a minimum GPA of 2.0, and a minimum grade of "C" in the introductory course of your desired major and a minimum grade of "D" is required in all Primary Core Courses. Upon admission into the Economics, Integrated Business, and Real Estate majors, students must maintain a minimum 2.0 GPA in the Major and College to successfully complete the degree. For more information on these requirements, visit: business.ucf.edu/undergraduate-programs.

After receiving admission to a major, students will complete major coursework, the Secondary Business Core and the remaining three courses in the Professional Development Sequence.

1. **The Secondary Business Core:** These courses are designed to ensure that you have a solid understanding of the various functions of business and the environment in which the enterprise operates. The Secondary Business Core culminates with our **"Great Case Competition"** which is part of our Strategic Management Course (MAN 4720) and has become a signature experience for all business students:
 1. QMB 3602 - Business Research for Decision Making (3 credit hours)
 2. BUL 3130 - Legal and Ethical Environment of Business (3 credit hours)
 3. MAR 3203 - Supply Chain and Operations Management (3 credit hours)
 4. MAN 4720 - Strategic Management/Capstone (3 credit hours)
2. **The Professional Development Sequence:** Students must also complete the professional development sequence that began with GEB 3006. The goal of the Professional Development curriculum is that students will research potential career opportunities and acquired a knowledge base that will prepare them to secure employment prior to graduation.
 1. GEB 3005 - Career Search Strategy (1 credit hour)
 2. GEB 4223 - Business Interviewing Techniques (1 credit hour)
 3. GEB 4004 - Executing Your Career Plan (1 credit hour)

Student Load

A student who is enrolled in 15 – 16 credit hours of course work is considered to be carrying a normal academic load. Per University policy, students may take a maximum of 17 credit hours in the Fall and Spring terms, and 14 credit hours in the Summer term.

Community/Junior College Transfer Notes

1. Admission requirements can and do vary among the business and accounting programs at the ten universities comprising the State University System. To ensure that they have met all prerequisite course eligibility requirements, transfer students from Florida's community and State colleges should complete the following common program prerequisites as part of their Associate of Arts degree: ACG 2021 (or ACG 2001 and ACG 2011), ACG 2071, ECO 2013, ECO 2023, MAC 2233, STA 2023, (or QMB 3003) and CGS 2100C. At UCF, students who have completed MAC 2233 and STA 2023 or MAC 2311C and MAC 2312 will be waived from QMB 3003 - Quantitative Business Tools I. Students who have completed either MAC 2233, MAC 2311C, MAC 2312, or STA 2023, but not both classes in the combination, must take QMB 3003. Completion of these courses with a minimum grade of "C" or better will satisfy all prerequisite course requirements for all business and accounting degree programs and will ensure that a student will receive further consideration for admission to the Primary Core Classes.
2. Subject to the general grade and residency requirements, credit will be granted for transferred course work equivalent to that required in UCF's Business program. Only grades of "C" or higher transfer into the program.
3. It is expected that all incoming transfer students, regardless of intended business major, will upon admission to the university have successfully completed the General Education Program and the Business Common Program prerequisites. Transfer students will attend an orientation session that will provide information regarding university and college policy, program requirements, and college culture.
4. Courses taken at Florida College System institutions do not substitute for upper division courses.
5. Courses transferred must be formally evaluated for equivalency credit. General Education coursework is evaluated for equivalency by Academic Services, while the Business Common Program Prerequisites and all business coursework is evaluated for equivalency by the College. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.
6. The Business Primary Core courses must be taken at UCF or an AACSB accredited institution. Additionally, professional courses, in the areas of Accounting, Economics, Management, Marketing, Real Estate, or Finance, should not be taken at a community/junior college. These professional areas are third and fourth year course areas in the College of Business Administration and cannot be satisfied with community/state college courses.
7. A minimum of 12 credit hours must be completed at UCF within each individual major and a minimum of 30 hours of upper level courses within the UCF College of Business.

Advisement

Office of Professional Development

Assistant Dean: Darrell Johnson
Business Administration II (BA2) 101
407-823-2987

The Office of Professional Development (OPD) is the primary office for undergraduate assistance in Academic and Career Counseling in the College of Business Administration. Any questions concerning University and College academic policies affecting Business majors should be directed to the Office of Professional Development staff in BA2 101 or by calling 407-823-2185. Visit OPD's home page at: business.ucf.edu/centers-institutes/office-of-professional-development

Program Academic Learning Compacts

Program Academic Learning Compacts (student learning outcomes) for undergraduate programs in the College of Business Administration are located at: oeas.ucf.edu/academiclearningcompacts.html

Graduate Programs

Please visit the Graduate Catalog for a list of all graduate programs. All Undergraduate programs for the College of Business Administration can be found below.

Departments

- [Department of Economics](#)
- [Department of Finance](#)
- [Department of Integrated Business](#)
- [Department of Management](#)
- [Department of Marketing](#)
- [Dr. P. Phillips School of Real Estate](#)
- [Kenneth G. Dixon School of Accounting](#)

College of Community Innovation and Education

Dean: *Pamela S. Carroll*

Educational Complex & Gym (ED) 308 and Dr. Phillips Academic Commons - UCF Downtown (DPAC) 302

ccie.ucf.edu

407-823-5529

ccie@ucf.edu

Interim Associate Dean for Academic Affairs: *Alice Noblin*

407-823-2046

Associate Dean for Graduate Affairs and Faculty Excellence: *Glenn Lambie*

407-823-2046

Associate Dean for Research and Innovation: *Florencio Eloy Hernandez*

407-823-3296

Assistant Dean for Administrative Affairs: *Allison Jefferson*

407-823-0329

In 2018, UCF established the College of Community Innovation and Education (CCIE) to bring together programs focused on building strong communities. CCIE is a unique college with opportunities for students to work with faculty and community members to develop innovative solutions to complex social issues that affect communities throughout Central Florida and beyond. The college offers degree, minor and certificate programs designed to be responsive to community needs. Several of CCIE's undergraduate programs are delivered in a flexible format including both fully online and mixed-mode.

As the anchor college to UCF Downtown, the College of Community Innovation and Education has select programs that hold classes in downtown Orlando. This location provides students with numerous opportunities to engage in community-based experiences. Internships, practicums, and research take place within walking distance of the downtown campus.

Undergraduate Programs National Program-Specific Accreditations and State Program Approvals

- Association of University Programs in Health Administration (AUPHA)
- Commission on the Accreditation of Healthcare Management Education (CAHME)
- Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM)

College of Community Innovation and Education Quick Links

- [Degrees, Minors, Certificates, and Online Programs](#)
- [CCIE Departments and Schools](#)
- [CCIE Faculty and Staff](#)

- [Dean's Welcome](#)

Office of Undergraduate Affairs and Undergraduate Advising

Director: Mariangelly "Mary" Rente

Educational Complex & Gym (ED) 110 and UCF Downtown

ccie.ucf.edu/undergraduate-affairs

407-823-3723

The CCIE Office of Undergraduate Affairs supports students from program admission through graduation at the UCF Main Campus (ED 110) and UCF Downtown (UnionWest at Creative Village Suite 200). The student service teams assist students in the following undergraduate disciplines as they progress through their academic career at UCF.

- Career and Technical Education
- Criminal Justice
- Early Childhood Development and Education
- Elementary Education
- Emergency Management
- Exceptional Student Education
- Health Informatics and Information Management
- Health Services Administration
- Legal Studies
- Nonprofit Management
- Public Administration
- Secondary Education (English Language Arts, Mathematics, Science, and Social Science Education)
- Teacher Education (Art, Physical, and World Languages Education)

Office of Clinical and Field Experiences

Director: Kelly Jennings-Towle

Educational Complex & Gym (ED) 110

ccie.ucf.edu/clinicaexp

407-823-2518

The Office of Clinical and Field Experiences provides students with a broad range of field and internship opportunities in a variety of settings developed with local school districts, businesses, non-profit organizations, community agencies, and health care settings.

Recruitment and Retention

Coordinator: Caroline Pratt Marrett

Educational Complex & Gym (ED) 115

ccie.ucf.edu/mtrrp

407-823-4409

Minority Teacher Recruitment and Retention Program (MTRRP)

The Minority Teacher Recruitment and Retention Program (MTRRP) is designed to recruit and retain diverse students as they prepare for a teaching career in education. MTRRP provides future educators with financial assistance, academic support, and professional development. Each student admitted into the program is paired with a faculty or staff mentor in the college.

Program Academic Learning Compacts

Program Academic Learning Compacts (student learning outcomes) for undergraduate programs in the College of Community Innovation and Education are located at: oeas.ucf.edu/academiclearningcompacts.html

Graduate Programs

Please visit the Graduate Catalog for a list of all graduate programs. All Undergraduate programs for the College of Community Innovation and Education can be found below.

Departments

- [Department of Counselor Education and School Psychology](#)
- [Department of Criminal Justice](#)
- [Department of Educational Leadership and Higher Education](#)
- [Department of Learning Sciences and Educational Research](#)
- [Department of Legal Studies](#)
- [School of Global Health Management and Informatics](#)
- [School of Public Administration](#)
- [School of Teacher Education](#)

College of Engineering and Computer Science

Dean: Michael Georgiopoulos

Harris Corporation Engineering Center (HEC) 114

cecs.ucf.edu

407-823-2156

Associate Dean for Academic Affairs: Manoj Chopra

Engineering I (ENG1) 107

407-823-2455

Associate Dean for Graduate Affairs: Ali Gordon

Engineering I (ENG1) 107

407-823-2455

Associate Dean for Research and Administration: Ranganathan Kumar

Engineering II (ENG2) 202

407-823-2156

Director, Academic Affairs: Kim A. Small

Engineering I (ENG1) 107

407-823-2455

Director, College Honors Programs: Manoj Chopra

Engineering I (ENG1) 107

407-823-2455

Interim Director, Diversity and Inclusion: Ali Gordon

Accelerated BS/MS Degree Program

All of the Engineering and Computer Science programs except for the Information Technology Program are offering an Accelerated BS/MS degree program which will allow students of high academic standing to complete an MS degree at an accelerated pace. The generic rule for students in this program is that they will be allowed to use up to twelve hours of selected 5000 and 6000 level courses with a grade of "B" or higher toward fulfillment of both the BS and MS degree requirements. Interested individuals should see the program descriptions in the graduate and undergraduate catalogs. They may also contact the department Undergraduate Coordinator and/or Graduate Coordinator if they have any further questions.

College Vision

Our Vision is to be among the nation's top producers of engineering and computer science workforce talent in terms of scale and excellence, and to lead the next generation of engineers and computer scientists in advancing research and education that impacts the global society.

College Mission Statement

Our Mission is to provide high-quality, broad-based education and experiential learning in engineering and computer science; create knowledge through pioneering scholarship and impactful research; enrich our students' development and leadership skills; nurture the inherent innovation and leadership of our students; and address pressing local, state, national, and international issues in support of the global community.

College Organization

The College of Engineering and Computer Science is organized into two major divisions: the Engineering and Computer Science Division and the Reserve Officer Training Corps (ROTC) Division. The Engineering and Computer Science Division is comprised of six engineering departments: the Civil, Environmental, and Construction Engineering (CECE) Department, the Computer Science (CS) Department, the Electrical and Computer Engineering (ECE) Department, the Industrial Engineering and Management Systems (IEMS) Department, Materials Science and Engineering (MSE) Department, and the Mechanical and Aerospace Engineering (MAE) Department. The ROTC Division is made up of the Aerospace Studies Department (Air Force ROTC) and the Military Science Department (Army ROTC).

All departments of the Engineering and Computer Science Division offer advanced studies leading to master's degrees and the Doctor of Philosophy degree; see the Graduate catalog for further information on these graduate programs. The Bachelor of Science programs in Aerospace Engineering, Civil Engineering, Computer Engineering, Construction Engineering, Electrical Engineering, Environmental Engineering, Industrial Engineering, and Mechanical Engineering are accredited by the Engineering Accreditation Commission of ABET, <https://www.abet.org>. The Bachelor of Science programs in Computer Science and Information Technology are accredited by the Computing Accreditation Commission of ABET, <https://www.abet.org>.

The College houses the ROTC Division for those students desiring to pursue military training while earning their degree. The AFROTC program offers a minor in Aerospace Studies, and the AROTC program offers a minor in Military Science.

The Honors Program in the College of Engineering and Computer Science

The engineering and computer science leaders of tomorrow must not only have impeccable technical credentials, but must also be able to provide strong leadership within the general community in which they live. With this in mind, the Honors Program in the College of Engineering and Computer Science offers outstanding undergraduate engineering and computer science majors an enriched educational, technical, professional, and cultural experience that significantly augments the basic curricula. Honors students comprise academically superior students who commit, upon acceptance into the program, to do broad as well as advanced work in a chosen area.

The objective of the Honors Program is to provide exceptional students with an opportunity to express their

creativity and problem-solving abilities through challenging coursework and participation in research projects. In addition, the program exposes students to a wide variety of issues dealing with the role of engineers and computer scientists and the impact of the profession on society. Honors students also participate in several programmed activities, such as lectures by distinguished scholars, engineers, and public figures, as well as visits to local and regional industries and to governmental and military research facilities.

There are two programs available to eligible CECS students: 1) the University Honors Program (see the section on the University Honors Program found in The Burnett Honors College section of this catalog); and 2) the Honors Undergraduate Thesis Program (HUT).

The Honors Undergraduate Thesis Program

The College of Engineering and Computer Science Honors Undergraduate Thesis program is designed for two types of students: 1) Highly qualified students who did not participate in the University Honors Program and would like to have the experience of an Honors curriculum, and 2) University Honors program students who desire to continue the Honors curriculum beyond what the University Honors Program offers. The centerpiece of the Honors Undergraduate Thesis program is the opportunity to undertake independent research as an undergraduate under the guidance of a faculty member in his/her major. The Honors Undergraduate Thesis Program represents a minimum of six credit hours of work. Technical elective credit varies by CECS program. Students should consult with the department of their major. These six credit hours consist of three credit hours of Honors Directed Readings (4903H), plus three credit hours of Honors Undergraduate Thesis (4970H). Optional credits of Directed Readings and Thesis may be taken if required by the project and approved by the supervising faculty.

The latter will result in an undergraduate thesis which will describe the research done by the student. The student will defend his/her thesis before a committee of faculty in the field as part of an oral examination covering the honors work. A sponsoring faculty member is required to supervise the undergraduate thesis.

In order to be admitted to the Honors Undergraduate Thesis program, the student must:

1. Have at least 60 credit hours, including at least 12 graded, upper division credit hours at UCF.
2. A minimum UCF or overall GPA of at least 3.40.
3. Exceptions to the eligibility criteria may be made by the College Honors Committee in individual cases, upon submission of an appeal and recommendation by a sponsoring faculty member to the Office of Honors Research.

To successfully complete the HUT program and receive said designation, the student must successfully defend the thesis and graduate with a minimum 3.2 GPA at UCF. No exceptions to this policy will be made for graduation. Successful candidates will be awarded an Honors in Engineering/Computer Science mention on the diploma and transcript, representing satisfactory completion of the program.

Application for admission to the Honors Undergraduate Thesis Program must be obtained from the Office of Honors Research in the Burnett Honors College. Students in the College of Engineering and Computer Science must consult Dr. Manoj Chopra, Engineering 1, Room 107. For more information about The Burnett Honors College programs, please visit their homepage at honors.ucf.edu.

The LEAD Scholars Program in the College of Engineering and Computer Science

Engineering and computer science students may also participate in the LEAD (Leadership Enrichment and Academic Development) Scholars Program (see the section on the LEAD Scholar Program found elsewhere in this catalog).

Additional Information on UCF Baccalaureate Engineering and Computer Science Programs

Information on each UCF engineering, computer science, and information technology program follows, and more current information on the departments can be found on the College home page at cecs.ucf.edu, and on the home pages of each department. For the home page associated with a particular program, see the listing for that department on the following pages of this catalog. Information on the Photonics Science and Engineering program

offered jointly with the College of Optics and Photonics may be found in the section about that college.

Program Academic Learning Compacts

Program Academic Learning Compacts (student learning outcomes) for undergraduate programs in the College of Engineering and Computer Science are located at: oeas.ucf.edu/academiclearningcompacts.html

Graduate Programs

Please visit the Graduate Catalog for a list of all graduate programs. All Undergraduate programs for the College of Engineering and Computer Science can be found below.

Departments

- [Department of Civil, Environmental, and Construction Engineering](#)
- [Department of Computer Science](#)
- [Department of Electrical and Computer Engineering](#)
- [Department of Industrial Engineering and Management Systems](#)
- [Department of Materials Science and Engineering](#)
- [Department of Mechanical and Aerospace Engineering](#)
- [Reserve Officer Training Corp: Air Force ROTC](#)
- [Reserve Officer Training Corp: Army ROTC](#)

College of Health Professions and Sciences

Founding Dean: *Christopher Ingersoll*

Health Sciences I (HS1) 365
healthprofessions.ucf.edu
407-823-0171
chps@ucf.edu

Assistant Dean, Undergraduate Affairs: *Suha Saleh*

Health Sciences I (HS1) 365
407-823-0171

Associate Dean, Faculty Excellence and Graduate and Global Affairs: *Linda Rosa-Lugo*

Health Sciences I (HS1) 365
407-823-0171

Associate Dean, Research: *Jennifer Kent-Walsh*

Health Sciences I (HS1) 365
407-823-0171

Associate Dean, Clinical Affairs: *Bari Hoffman Ruddy*

Health Sciences I (HS1) 365
407-823-0171

The College of Health Professions and Sciences is home to nationally recognized academic programs, innovative research and exciting community-outreach programs focused on health and wellness. The College is part of UCF's

new Academic Health Sciences Center, along with the College of Medicine and College of Nursing. There are four departments and schools housed in the College of Health Professions and Sciences: the School of Social Work, the School of Communication Sciences and Disorders, the School of Kinesiology and Physical Therapy and the Department of Health Sciences. Through course work, field experience and interprofessional education, our students develop high-demand skills in healthcare and cultural competency for work with diverse populations.

General Requirements for the Bachelor's Degree

Undergraduates enrolled in the College of Health Professions and Sciences must fulfill all University degree requirements, including those for general education, as well as the requirements of the degree program. The College offers both open-access and limited-access/restricted programs.

Open-Access Programs:

- Communication Sciences and Disorders (B.A./B.S.)
- Health Sciences (B.S.) - Health Promotion Track

Limited-Access/Restricted Programs:

- Social Work (B.S.W.)
- Health Sciences (B.S.) - Pre-Clinical Track
- Kinesiology(B.S.)

Acceptance by or registration at the University does not constitute admission to limited-access or restricted programs. Students pursuing these limited-access/restricted majors will be classified as "Pending" until they satisfy program specific admission requirements. A separate application must be made to the appropriate limited-access program.

Additional information regarding prerequisites and admission requirements may be found in this catalog.

Academic Advisement

CHPS Student Academic Services

Director: *Andrea Small*
Health Sciences II (HS2) 115
healthprofessions.ucf.edu/undergraduate
407-823-0010
CHPSundergrad@ucf.edu

The College of Health Professions and Sciences (CHPS) Office of Student Academic Services assists undergraduate students in understanding college and university requirements and procedures as well as coordinating orientation, registration and graduation certification. Students interested in pursuing limited/restricted access programs are encouraged to meet with advisors in the college to stay on track by taking the appropriate prerequisite requirements. Advisors in this office are available for students on probation or for those who are having academic difficulty. Questions concerning university and college academic policies should be directed through this office.

Program Academic Learning Compacts

Program Academic Learning Compacts (student learning outcomes) for undergraduate programs in the College of Health Professions and Sciences are located at: oeas.ucf.edu/academiclearningcompacts.html

Graduate Programs

Please visit the Graduate Catalog for a list of all graduate programs. All Undergraduate programs for the College of Health Professions and Sciences can be found below.

Departments

- [Department of Health Sciences](#)
- [School of Communication Sciences and Disorders](#)
- [School of Kinesiology and Physical Therapy](#)
- [School of Social Work](#)

College of Medicine

Vice President for Health Affairs and Dean: Dr. Deborah C. German

UCF College of Medicine (COM) 313

med.ucf.edu

407-266-1000

medweb@ucf.edu

Director, Burnett School of Biomedical Sciences: Dr. Griffith Parks

Burnett Building at Lake Nona (BBS) 101K

407-823-5932

The UCF College of Medicine through its Burnett School of Biomedical Sciences (BSBS) offers the fourth largest undergraduate program in the university, B.S. in Biomedical Sciences, that meets the admission requirements for medical and other health professional school programs. The BSBS is an integral part of the College of Medicine, making it a research-intensive medical school where cutting-edge medical research spans the entire spectrum from laboratory bench to bedside. The BSBS is home to quality programs in the biomedical sciences as well as vigorous research programs focused on cancer, cardiovascular, neurological, and infectious diseases. The UCF College of Medicine is a forward-looking medical school with a culture based on partnerships and collaboration. The college's medical and biomedical programs capitalize on UCF's existing strengths in biological sciences, modeling and simulation, engineering, optics and photonics, psychology, chemistry, film and digital media, business, and nursing.

The mission of the Burnett School of Biomedical Sciences is to provide quality undergraduate and graduate programs in the biomedical sciences and build vigorous research programs. In addition to conducting cutting-edge research in biomedicine with potential application to curing major diseases, the BSBS is committed to helping develop a technology-based industry in Florida. Active partnerships formed with other units such as the College of Optics and Photonics, the College of Engineering and Computer Science and the Nanoscience Technology Center will facilitate interdisciplinary research and education programs in the innovative application of photonics, bioinformatics and nanoscience to biomedical problems.

The BSBS is educating over 3,000 undergraduate majors including Biomedical Sciences, Biomedical Sciences - Neuroscience Track, Biotechnology, Molecular and Cellular Biology, Molecular Microbiology and Medical Laboratory Sciences. The BSBS also offers master's degrees in Biomedical Sciences and in Biotechnology, as well as an interdisciplinary doctoral degree in Biomedical Sciences. The current graduate enrollment is approximately 135 masters and doctoral students. The college also offers an M.D. program. The M.D. program enrolled its first class in August 2009 and has increased the number of admitted students annually to a level that produces 120 medical graduates each year. The current enrollment is approximately 491 M.D. students.

In addition to multiple facilities on the main Orlando campus, the college has facilities that are an integral part of the growing medical city at Lake Nona. The UCF Health Sciences Campus at Lake Nona includes a 170,000-square-foot medical education building and the 198,000-square-foot Burnett Biomedical Sciences building. The M.D. program is offered in the medical education building, which features the latest in lab and classroom technology. The state of the art research laboratories in the Burnett Biomedical Sciences building provide expanded research opportunities for undergraduate and graduate students. Advising for undergraduate programs is located in HS2 room 335 (Main Campus).

College of Medicine Vision, Mission and Goals

UCF College of Medicine Vision

The University of Central Florida College of Medicine aspires to be the nation's premier 21st century college of medicine.

The UCF College of Medicine will be a national leader in education, research, and patient care, recognized for supporting and empowering its learners and faculty to realize their passion for discovery, healing, health, and life, and for its ability to create partnerships to transform medical education, health care, and research.

UCF College of Medicine Mission

The University of Central Florida College of Medicine educates and inspires individuals to be exemplary physicians and scientists, leaders in medicine, scholars in discovery, and adopters of innovative technology to improve the health and well-being of all.

Our patient-centered mission is achieved by outstanding health care and services, groundbreaking research, and leading edge medical and biomedical education in an environment enriched by diversity and partnership.

UCF College of Medicine Goals

Goal 1: Excel in Medical and Biomedical Education

Goal 2: Excel in Research and Discovery in: Biomedical Sciences, Medical Education, Health Care, and Population Sciences

Goal 3: Provide Outstanding, Innovative, Patient-Centered Care While Transforming Health Care Delivery

To achieve excellence in each of these goals, identify and develop a diversified, self-sustaining infrastructure in an environment that fosters community, diversity, partnership, and collaboration.

Program Academic Learning Compacts

Program Academic Learning Compacts (student learning outcomes) for undergraduate programs in the College of Medicine are located at: oeas.ucf.edu/academiclearningcompacts.html

Please visit the Graduate Catalog for a list of all graduate programs. All Undergraduate programs for the College of Medicine can be found below.

Departments

- [Burnett School of Biomedical Sciences](#)

College of Nursing

Dean: Dr. Mary Lou Sole
University Tower (UTWR) 319
nursing.ucf.edu

407-823-5496
ucfnurse@ucf.edu

Chair, Nursing Practice: Dr. Maureen M. Covelli
University Tower (UTWR) 320
407-823-4941

Chair, Nursing Systems: Dr. Mona Shattell
University Tower (UTWR) 326
407-823-5440

Please see [the college website](#) for a listing of faculty and staff.

The College of Nursing is the 11th college to be established at the University. It was established as a Department of Nursing and graduated its first class in 1981. The college has achieved prominence as an innovator in nursing education, responding to a changing population with complex health care needs. The faculty of the college values access to education and embraces opportunities to utilize advanced technology, innovation and creativity to provide graduates with the highest quality education at the baccalaureate, master's and doctoral levels.

Today's challenging health care environment provides unique opportunities for nursing. Nurses are needed more than ever to provide evidence-based patient care, serve in leadership roles, teach, engage in research, and influence policy.

The mission of the College of Nursing at the University of Central Florida is to prepare nurse leaders and patient advocates through excellence in education, research and service. The University of Central Florida College of Nursing will be a 21st century leader in innovative nursing education, research and practice that impacts the health of a global community.

The College of Nursing offers a Bachelor of Science in Nursing (BSN) degree, the basis for professional nursing practice. The program has four tracks: traditional, accelerated second degree, concurrent and RN to BSN. The traditional, accelerated second degree, and concurrent tracks prepare students for initial licensure as a registered nurse. The traditional program is also offered at the Cocoa and Daytona regional campus sites. Students with a prior baccalaureate or higher degree from an accredited institution of higher education (meeting university transfer eligibility requirements) are eligible for the Accelerated Second Degree BSN option. The Concurrent ASN to BSN program is a partnership between selected Florida College System institutions and UCF College of Nursing to allow simultaneous enrollment in both associate and baccalaureate nursing programs. The BSN graduate is prepared to provide comprehensive care in a variety of acute, community, and rehabilitative settings. The program emphasis includes clinical nursing practice, health promotion and maintenance, and preparation for assuming leadership roles. The baccalaureate curriculum provides the foundation for graduate study in nursing.

The RN to BSN track offers registered nurses with an associate degree or diploma in nursing an opportunity to earn a BSN. Each applicant is reviewed individually and guided to prevent repetition of previous coursework. Contact the College of Nursing for specifics on the RN to BSN program. Courses are primarily on line with some face to face classes offered at Valencia West and Melbourne campuses.

The goal of the Master of Science in Nursing (MSN) degree is to prepare advanced practice nurses to assume leadership positions in a variety of healthcare settings. Program tracks include Nurse Educator, Nursing Leadership and Management, and Nursing and Healthcare Simulation. Minimum hours for the degree are 36-46 hours of graduate work depending on the major. An evidence-based scholarly project is required. Students must be a

licensed Registered Nurse to enter this program. A certificate in Nursing Education is available for students with a bachelor's degree in nursing or a related health field. An interdisciplinary certificate in Healthcare Simulation is available to non-nurses. Nurse practitioner specialty area certificates are also available for APRNs.

The Doctor of Philosophy in Nursing (PhD) program prepares nurse scientists to assume positions as nursing faculty, leaders in the application of innovative technologies to nursing education and clinical care, executive leaders in health care systems and scientists who contribute to the body of nursing knowledge through research.

The Doctor of Nursing Practice (DNP) prepares nurses at the highest level of practice for the current health care environment based on a strong scientific foundation for practice; flexibility and emphasis on evidence-based practice, leadership, and organizational analysis; and analysis of practice including completion of a residency project during the capstone clinical residency year.

The College of Nursing BSN, MSN, and DNP, programs are accredited by The Commission on Collegiate Nursing Education (CCNE). The BSN Program is approved by the Florida Board of Nursing. All programs are limited access and require a separate application to the College of Nursing.

General Requirements for the Bachelor's Degree

- Programs in the College of Nursing are upper division, limited access programs.
- Acceptance by or registration at the university does not constitute admission to the College of Nursing.
- Application must be made to the appropriate program in Nursing.

Additional information regarding prerequisites and minimum grade point averages may be obtained from the college website: nursing.ucf.edu

Academic Advisement

Office of Undergraduate Student Services

Director of Undergraduate Academic Advising: *Lucas Noboa*

University Tower (UTWR) 300

407-823-2744

ucfnurse@ucf.edu

The College of Nursing Office of Undergraduate Student Services assists undergraduate students in understanding matters relating to college and university requirements and procedures, as well as coordinating orientation, registration and graduation certification. Students interested in pursuing limited access programs are encouraged to meet with advisors in the college to take the appropriate prerequisite requirements. Questions concerning university and college academic policies should be directed through this office.

Program Academic Learning Compacts

Program Academic Learning Compacts (student learning outcomes) for undergraduate programs in the College of Nursing are located at: oeas.ucf.edu/about/academiclearningcompacts

Graduate Programs

Please visit the Graduate Catalog for a list of all graduate programs. All Undergraduate programs for the College of Nursing can be found below.

Programs

Major

- [Nursing \(B.S.N.\)](#)
- [Nursing, Concurrent A.S.N. to B.S.N. Enrollment Option \(B.S.N.\)](#)
- [Nursing, R.N. to B.S.N. Program \(B.S.N.\)](#)

Accelerated Undergraduate-Graduate Program

- [Nursing, Accelerated Second Degree B.S.N. Option \(B.S.N.\)](#)

Articulated A.S. Programs

- [Nursing, A.S. to B.S.N. Track \(B.S.N.\)](#)

College of Optics and Photonics

Interim Dean and Director: David J. Hagan

CREOL, The College of Optics and Photonics (CROL) 207

creol.ucf.edu

407-823-6800

creol@creol.ucf.edu

Interim Associate Dean for Academic Affairs: Jim Moharam

CREOL, The College of Optics and Photonics (CROL) 209

407-823-6833

Associate Director, Academic Affairs: Mike McKee

CREOL, The College of Optics and Photonics (CROL) A213

407-823-6376

undergrad@creol.ucf.edu

Please see [the college website](#) for a listing of faculty and staff.

College Vision

Be the nation's leader in education, research, and scholarship in optical science and engineering.

College Mission

CREOL, The College of Optics & Photonics is a world-renowned graduate college for optical science and engineering education and research. Its mission is to: Provide the highest quality education in optical science and engineering, support the educational needs of undergraduate and graduate students, serve the continuing educational needs of industry, and enhance optics and photonics education at all levels; Create and disseminate new knowledge and innovations in optics and photonics by conducting, presenting, and publishing cutting-edge fundamental and applied research; Aid in the development of the State of Florida and the nation's knowledge-based and technology-based industries, and create, foster, and sustain mutually beneficial research collaborations and partnerships with industry.

College Organization

The College of Optics and Photonics (COP) was formed in 2004, as a result of the great success of CREOL (the Center for Research and Education in Optics and Lasers), which was established in 1986 to provide the highest quality education in optics and lasers, conduct scholarly fundamental and applied research, and aid in the development of Florida's high technology-based industries. The College has offered MS and PhD degrees in Optics for many years and now offers the degree of Bachelor of Science in Photonic Science and Engineering in collaboration with the College of Engineering and Computer Science (CECS).

CREOL has become an internationally recognized institute with 35 faculty members, 60 PhD level research

scientists, 154 graduate students and 140 undergraduate students. The faculty are recognized as being among the best in the optics/laser/photonics field, with two-thirds holding the rank of Fellow in major national and international professional societies. It is housed in a state-of-the-art 116,000-square-foot building dedicated to optics, photonics, and laser education and research on the main campus. This facility houses 90 research laboratories equipped with over \$55 million in state-of-the-art equipment. A portion of the building functions as the UCF Photonics Incubator, an extension of the award-winning UCF Business Incubation Program. The undergraduate lab is outfitted with the latest equipment and technologies in a dedicated space for undergraduate students.

The research activities, through centers such as CREOL, the Florida Photonics Center of Excellence (FPCE) and the Townes Laser Institute, span the spectrum from basic science to prototype development. The faculty and research staff pursue joint research projects with industry, academia, and government laboratories, and are always seeking new opportunities to work with industry to expose students to the industrial environment and to help in technology transfer.

The faculty engage in research and education in fields utilizing radiation at wavelengths ranging from millimeter waves and THz to UV and X-rays. This includes several photonic technologies:

1. Lasers
2. Optical fibers
3. Semiconductor and integrated photonic devices
4. Nonlinear and quantum optics
5. Imaging, sensing and display

These technologies have applications in industry, communication and information technology, biology and medicine, energy and lighting, aerospace, and homeland security and defense. Design of optical systems, which has been the core of optical engineering, remains to be a principal component of the discipline, and advanced topics such as nanophotonics, attosecond optics, metamaterials, plasmonics, and biophotonics, have been embraced as areas of strength and future growth. These programs are supported by over \$15 million of research grants and contracts annually from numerous federal and state agencies and industry.

Bachelor of Science in Photonics Science and Engineering Description

Optics and photonics technologies are central to modern life. For example, they are needed to make and inspect the integrated circuits in nearly every electronic device we use. They are used in high-efficiency lighting, displays, and the harvesting of solar power. Optical fibers have enabled the Internet. Lasers are essential to precision manufacturing and metrology. A plethora of medical applications including clinical diagnosis, surgery, and genome mapping utilize photonics technologies. Photonics plays an important role in the US and Florida's economy, with over 270 photonics companies in Florida, employing over 5,000 engineers. The B.S. degree in Photonic Science and Engineering will enable students to analyze and design optical and laser systems for a broad set of applications including manufacturing, healthcare, telecommunication, defense, security, and entertainment. PSE students are required to complete a senior design project in which students work on a small design team.

The Bachelor of Science in Photonic Science and Engineering is accredited by the Engineering Accreditation Commission of ABET, <https://www.abet.org>.

Mission

The mission of the Bachelor of Science in Photonic Science and Engineering is to educate students in the fundamental skills, knowledge, and practice so they can apply their knowledge, analyze, and design technologies in a productive and ethical manner that will lead them to positions within the Photonic Science and Engineering industry, or to prepare them for advanced course work or degrees within Optics and Photonics.

Program Educational Objectives

1. Graduates will grow in their role as photonic scientists and engineers in society leading to leadership within the profession.

2. Graduates will make a meaningful impact on profession while behaving ethically and taking into account environmental and economic issues.
3. Graduates will pursue professional and personal development in their areas of interest, through such endeavors as graduate studies, service to the profession, or participating in training opportunities.

Student Outcomes

1. Graduates have an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. Graduates have an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
3. Graduates have an ability to communicate effectively with a range of audiences.
4. Graduates have an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
5. Graduates have an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
6. Graduates have an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
7. Graduates have an ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

Advisement

The Photonic Science and Engineering Bachelor's degree is jointly offered with CECS. General questions about the PSE program can be directed to the Associate Director in the College of Optics and Photonics by email at undergrad@creol.ucf.edu or visit CREOL 108B.

Additional Information on UCF Baccalaureate Photonic Science and Engineering Program

Current information about the UCF Photonic Science and Engineering can be found on the College website at creol.ucf.edu, including information about the joint program with the College of Engineering and Computer Science.

This program has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit creol.ucf.edu/academics/undergrad/mission-educational-objectives-abet.

Program Academic Learning Compacts

Program Academic Learning Compacts (student learning outcomes) for undergraduate programs in the College of Optics and Photonics are located at: oeas.ucf.edu/about/academiclearningcompacts

Graduate Programs

Please visit the Graduate Catalog for a list of all graduate programs. All Undergraduate programs for the College of Optics and Photonics can be found below.

Programs

Major

- [Photonic Science and Engineering \(B.S.P.S.E.\)](#)

College of Sciences

Interim Dean: Tosha Dupras

College of Sciences Building (CSB) 201
sciences.ucf.edu
407-823-1997

Associate Dean: *Teresa Dorman*
College of Sciences Building (CSB) 201
407-823-5167

Associate Dean: *Enrique del Barco*
College of Sciences Building (CSB) 201
407-823-1912

Interim Associate Dean: *Laurence von Kalm*
College of Sciences Building (CSB) 201
407-823-6684

The College of Sciences educates and conducts research in physical, life, social, and behavioral sciences. The college houses the Departments of Anthropology, Biology, Chemistry, Mathematics, Physics, Psychology, Sociology, and Statistics; and two schools: the Nicholson School of Communication and Media, and the School of Politics, Security, and International Affairs. In addition, the college houses the following service and research centers, institutes and initiatives:

- [Arboretum](#)
- [Center for Global Economic and Environmental Opportunity](#)
- [The India Center](#)
- [Intelligence Community Center for Academic Excellence](#)
- [iSTEM](#) (Initiatives in Sciences, Technology, Engineering, and Mathematics)
- [Kurdish Political Studies Program](#)
- [Lou Frey Institute](#)
- [Marine Turtle Research Group](#)
- [National Center for Forensic Science](#)
- [National Center for Integrated Coastal Research](#)
- [Puerto Rico Research Hub](#)
- [Prince Mohammad Bin Fahd Program for Strategic Research and Studies](#)
- [The Robinson Observatory](#)
- [UCF RESTORES](#)

The college is responsible for delivering programs in the behavioral and social sciences, the communication sciences, the analytic and computational sciences, and the physical and life sciences. Units in the college collectively offer undergraduate baccalaureate degrees, minors, certificates, tracks, and pre-professional programs in these areas. For information concerning graduate programs, please refer to the Graduate Catalog:
graduatecatalog.ucf.edu.

Undergraduates enrolled in the college must fulfill all University degree requirements, including those for general education, as well as the requirements of the degree program. To be certified for graduation, most programs require that a student achieve at least a "C" GPA (2.0) in the courses of his or her major and/or minor. Please see the requirements within each degree's "Additional Requirements" or "Departmental Exit Requirements" for more information about grade and GPA requirements. Some academic units also require a minimum grade in specified courses and/or in portions of the program of study. Consult the program requirements and a major advisor for specific policies. For programs with a foreign language graduation requirement, American Sign Language is not considered a foreign language and will not satisfy the requirement unless specifically permitted within the major. See the "Foreign Language Requirements: Graduation" for specific degree requirements.

Preprofessional Programs

Prelaw Program

College of Sciences Prelaw Advisor: Roger Handberg

Howard Phillips Hall (HPH) 302
407-823-2608

Office of Pre-Health and Pre-Law Advising:

phpladvising.ucf.edu

There is no preferred major for those students interested in enrolling into a law program. Law schools accept superior students with a good liberal arts or science background, regardless of major field. A Bachelor of Arts or Bachelor of Science degree with an emphasis in theory and critical thinking is typically suggested. The quality of undergraduate education for the legal profession, according to the Association of American Law Schools, is grounded in three basic skills and insights: comprehension and expression in words, critical understanding of the human institutions and values with which the law deals, and the creative power of thinking. Law schools require that applicants take the Law School Admission Test (LSAT). To understand more about how your chosen major will prepare you for a law program, as well as information about the LSAT, careers, and law schools, please contact either the COS Pre-Law Advisor or an advisor from within the Office of Pre-Health and Pre-Law Advising.

Prehealth Professions

Office of Pre-Health and Pre-Law Advising:

phpladvising.ucf.edu

While there are specific courses that students need to master to enroll into a medical program, there is not a required major for admission into a medical program. The College of Sciences offers many of the courses that fulfill admission requirements for health-related professional schools and medical schools. Students are encouraged to seek advisement from the university's Office of Pre-Health and Pre-Law Advising.

Advisement

College of Sciences, Advising Services (COSAS)

Director of Undergraduate Advising: Lee Anne Kirkpatrick

College of Sciences Building (CSB) 250

sciences.ucf.edu/cosas

407-823-6131

cosas@ucf.edu

The College of Sciences Advising Services (COSAS) is the primary office for undergraduate academic advisement for the College of Sciences. COS students will have at least two advisors, one within COSAS and one within the department or school of their major. New students to COS should meet with their COSAS advisor upon entry to UCF and their department advisor by the end of their first term at UCF. COSAS assists students with degree requirements, policies, and procedures as well as coordinates orientation, registration, readmission, and graduation. COSAS advisors also work with students at risk of, and currently on, academic probation as well as students with low major GPAs. Questions concerning university and college academic policies and requirements should be directed to COSAS. Questions concerning the specific requirements within a major or minor should be directed to the department offering the program. For additional information about COSAS, please visit the [College of Sciences Academic Advising catalog page](#) and our website at sciences.ucf.edu/cosas.

Program Academic Learning Compacts

Program Academic Learning Compacts are the expected student learning outcomes of UCF degree programs. These outcomes encompass three areas: 1) discipline-specific knowledge, skills, attitudes and behaviors; 2) communication; and 3) critical thinking. Each program is assessed based on these student learning outcomes. The Academic Learning Compacts for every UCF program are found at oeas.ucf.edu/academiclearningcompacts.html.

Graduate Programs

Please visit the Graduate Catalog for a list of all graduate programs. All Undergraduate programs for the College of Sciences can be found below.

Departments

- [Department of Anthropology](#)
- [Department of Biology](#)
- [Department of Chemistry](#)
- [Department of Mathematics](#)
- [Department of Physics](#)
- [Department of Psychology](#)
- [Department of Sociology](#)
- [Department of Statistics and Data Science](#)
- [Nicholson School of Communication and Media](#)
- [School of Politics, Security, and International Affairs](#)

College of Undergraduate Studies

Vice Provost and Dean: Theodorea Regina Berry

Millican Hall (MH) 210

undergrad.ucf.edu

407-823-2373

us@ucf.edu

Interim Associate Dean and Director: Wayne Bowen

Trevor Colbourn Hall (TCH) 239

407-823-0144

Assistant Dean: Harrison Oonge

Millican Hall (MH) 210

407-823-2373

Interim Assistant Dean: John Sacher

Millican Hall (MH) 210

407-823-2373

Interim Assistant Vice Provost and Assistant Dean: Kimberly Schneider

Trevor Colbourn Hall (TCH) 205

407-823-2373

The College of Undergraduate Studies provides students with a robust and individualized course of study through its Interdisciplinary Studies degree program. The college confers academic degrees that include Bachelor of Arts and Bachelor of Science in Interdisciplinary Studies (IDS), Bachelor of Arts IDS - Diversity Studies Track, Bachelor of Science in Environmental Studies and Bachelor of General Studies in Integrative General Studies. It also serves as a partner to UCF's colleges and units in their curricular planning, collaborates with faculty curricular oversight, works with faculty and administrators to assure the strength of university-wide programs such as general education, and advocates for an undergraduate education that offers an outstanding learning experience to UCF students.

Program Academic Learning Compacts

Program Academic Learning Compacts (student learning outcomes) for undergraduate programs in the College of Undergraduate Studies are located at: <https://oeas.ucf.edu/about/academiclearningcompacts>

Departments

- [Department of Interdisciplinary Studies](#)

Rosen College of Hospitality Management

Dean: Dr. Youcheng Wang

Rosen College of Hospitality Management Campus (RCH) 231

hospitality.ucf.edu

407-903-8000

rchminfo@ucf.edu

Associate Dean: Dr. Robertico Croes

Rosen College of Hospitality Management Campus (RCH) 231
407-903-8071

Associate Dean: Dr. Alan Fyall

Rosen College of Hospitality Management Campus (RCH) 231
407-903-8071

Assistant Dean: Dr. Manuel Rivera

Rosen College of Hospitality Management Campus (RCH) 272
407-903-8071

Orlando Campus Academic Advising:

Classroom Building I (CB1) 302H
407-823-1112

Rosen Campus Academic Advising:

Rosen College of Hospitality Management Campus (RCH) 201
407-903-8056

Please see [the college website](#) for a listing of faculty and staff.

The hospitality industry is the second largest employer in the United States and represents the majority of the economy's rapidly growing service sector. Because of its unique location in the premier tourist destination in the world, the Rosen College of Hospitality Management is ideally situated to prepare students for leadership careers in the hospitality industry and beyond. Whether the student is interested in entering lodging, food service, travel and tourism, financial management and technology, theme parks, vacation ownership resorts, golf management, or event management, the Orlando and Central Florida area offers extraordinary opportunities.

More than 72 million tourists visit Orlando each year, an international destination with over 400 hotels with 120,000 rooms, 20,000 vacation ownership units, 5,300 restaurants, 176 golf courses, over 100 theme parks and attractions, 12 regional shopping malls, a top-ranked international airport, the second largest convention center in the nation, and a multitude of sport and entertainment venues. As the most visited location in the United States, Orlando's hospitality & tourism industry is the region's largest employer, supplying approximately 449,000 jobs with wages exceeding \$14 billion annually.

The educational mission of the College is to provide students with the knowledge, skills and abilities to identify opportunities and challenges in the hospitality industry and beyond, and to apply creative decision-making techniques in response to those opportunities. Hospitality is relevant to every business, so students will benefit from an education that's transferable to both private and public entities that value the customer experience.

The curriculum is designed to prepare students for a broad range of managerial roles across various industries. It provides both academic preparation and practical experiences that students need to enter and succeed in their careers. Students also have the opportunity to experience the work world in hospitality through internship requirements and extensive contact with leading hospitality executives in the Central Florida area. There are five undergraduate degrees offered, including Bachelor of Science degrees in Hospitality Management, Event Management, Entertainment Management, Senior Living Management and Restaurant and Food Service

Management.

The college also houses the Linda Chapin Eminent Scholar Chair in Tourism Management, the Visit Orlando Endowed Chair of Tourism Marketing, the William C. Peeper Preeminent Professorship in Destination Marketing, the CFHLA Preeminent Chair Professor within the Hospitality Services Department and the Dick Pope Sr. Institute for Tourism Studies which was created and funded by the travel and tourism industry in Central Florida. The Institute conducts research and gathers information that helps the entire Orlando area hospitality industry better understand and serve its many guests from around the world.

Distinctive Benefits

- A state-of-the-art facility located in the heart of the tourism district in Orlando, Florida with convenient on-campus housing.
- Access to global hospitality organizations that serve one of the world's premier tourist destinations.
- Extensive ties to top leaders in the Orlando area hospitality industry.
- A large number of scholarships provided through the generous support of the industry.
- Outstanding faculty from 17 different countries.
- A highly engaged faculty with vast industry knowledge and connections.
- A work requirement that provides students with practical experiences in the hospitality industry.
- Outstanding internship opportunities.
- A modern food production laboratory and beer and wine laboratory completely equipped to provide students with experience in food preparation.
- Multiple endowed chairs and professorships.

Program Academic Learning Compacts

Program Academic Learning Compacts (student learning outcomes) for undergraduate programs in the Rosen College of Hospitality Management are located at oeas.ucf.edu/academiclearningcompacts.html.

Graduate Programs

Please visit the Graduate Catalog for a list of all graduate programs. All Undergraduate programs for the Rosen College of Hospitality Management can be found below.

Departments

- [Department of Foodservices and Lodging Management](#)
- [Department of Hospitality Services](#)
- [Department of Tourism, Events and Attractions](#)

Departments

College of Arts and Humanities

- [Department of English](#)
- [Department of History](#)
- [Department of Modern Languages and Literatures](#)
- [Department of Philosophy](#)
- [Department of Writing and Rhetoric](#)
- [Program in Women's and Gender Studies](#)
- [School of Performing Arts](#)
- [School of Visual Arts and Design](#)

College of Business Administration

- [Department of Economics](#)
- [Department of Finance](#)
- [Department of Integrated Business](#)
- [Department of Management](#)
- [Department of Marketing](#)
- [Dr. P. Phillips School of Real Estate](#)
- [Kenneth G. Dixon School of Accounting](#)

College of Community Innovation and Education

- [Department of Counselor Education and School Psychology](#)
- [Department of Criminal Justice](#)
- [Department of Educational Leadership and Higher Education](#)
- [Department of Health Management and Informatics](#)
- [Department of Learning Sciences and Educational Research](#)
- [Department of Legal Studies](#)
- [School of Public Administration](#)
- [School of Teacher Education](#)

College of Engineering and Computer Science

- [Department of Civil, Environmental, and Construction Engineering](#)
- [Department of Computer Science](#)
- [Department of Electrical and Computer Engineering](#)
- [Department of Industrial Engineering and Management Systems](#)
- [Department of Materials Science and Engineering](#)
- [Department of Mechanical and Aerospace Engineering](#)
- [Reserve Officer Training Corp: Air Force ROTC](#)
- [Reserve Officer Training Corp: Army ROTC](#)

College of Health Professions and Sciences

- [Department of Health Sciences](#)
- [School of Communication Sciences and Disorders](#)
- [School of Kinesiology and Physical Therapy](#)
- [School of Social Work](#)

College of Medicine

- [Burnett School of Biomedical Sciences](#)

College of Nursing

- [Click here to view the programs in the College of Nursing.](#)

College of Optics and Photonics

- [Click here to view the programs in the College of Optics and Photonics.](#)

College of Sciences

- [Department of Anthropology](#)
- [Department of Biology](#)
- [Department of Chemistry](#)
- [Department of Mathematics](#)
- [Department of Physics](#)
- [Department of Psychology](#)
- [Department of Sociology](#)
- [Department of Statistics and Data Science](#)
- [Nicholson School of Communication and Media](#)
- [School of Politics, Security, and International Affairs](#)

College of Undergraduate Studies

- [Department of Interdisciplinary Studies](#)

Rosen College of Hospitality Management

- [Department of Foodservices and Lodging Management](#)
- [Department of Hospitality Services](#)
- [Department of Tourism, Events and Attractions](#)

Academic Resources

Academic Advising

- [Responsibilities](#)
- [Freshman \(First Time in College - FTIC\)](#)
- [The Burnett Honors College](#)
- [College of Arts and Humanities](#)
- [College of Business Administration](#)
- [College of Community Innovation and Education](#)
- [College of Engineering and Computer Science](#)
- [College of Health Professions and Sciences](#)
- [College of Medicine - Burnett School of Biomedical Sciences](#)
- [College of Nursing](#)
- [College of Optics and Photonics](#)
- [College of Sciences](#)
- [College of Undergraduate Studies](#)
- [Rosen College of Hospitality Management](#)
- [UCF Connect Centers](#)

Responsibilities

Academic advising is a process that assists students in the clarification of life goals and the translation of these goals into educational plans. It provides assistance to students as they explore educational opportunities and develop educational plans and objectives. Academic advising connects students with the University by bringing meaning to its mission, its curriculum and to the learning environment that is the University community. Academic advising is committed to assisting and supporting students with developing their educational, career and life goals. It provides access to campus resources and coordinates the integration of all aspects of student life into learning experiences. It is an individualized avenue of communication that assists students in the planning and decision-making process.

Although academic advisors provide assistance, it is the student's responsibility to know the university policies, procedures, requirements, and seek out assistance when needed. There are a variety of academic advising systems available at UCF in each of the colleges, schools, and the Division of Student Learning and Academic Success.

Freshman (First Time in College - FTIC)

Academic advising is one of the most important services provided at UCF and can impact a student's successful progression to graduation. Every incoming freshman is assigned a professional first year academic advisor within the university's colleges and schools, and link students to advisors in various academic programs.

New FTIC Students can expect to:

1. Attend a mandatory UCF Orientation that will provide:
 1. Initial academic advising in a group setting and preparation for the first term, including schedule planning and registration
 2. An assessment of high school grades, entrance and placement test scores, and AP, dual enrollment, CLEP credit or other forms of college-level credit;
 3. An awareness of expectations for success at UCF; and,
 4. Information about key academic policies and important deadlines.
2. Connect with their academic advising office according to various academic programs within the college.
3. Connect with their academic advising office according to the following designated priority order:
 - **Knights Major Exploration and Transition Center** - for all undeclared and major exploring undergraduate students. Advisors and coaches help students explore and select areas of study that suit their academic interests and post-graduation plans. (TCH 133)
 - **Academic Services for Student-Athletes (ASSA)** - for Division I student athletes (WDSC 110)

These offices provide students with general education advising, academic exploration for undeclared students, academic support, registration assistance, and on-going information about University policies and procedures throughout the first year experience.

4. Participate in programs and advising activities that will promote a successful transition from high school to the university.

The Burnett Honors College

New students will:

Attend the UCF Orientation designated for The Burnett Honors College. At this time students meet with Honors staff and learn about The Burnett Honors College courses and GPA requirements, and register for Honors and non-Honors classes.

Continuing students will:

1. Contact the department of their major and meet with their advisor in the department during the first two months of any semester to review progress and plan a program of study;
2. Meet with their advisor in the department of their major prior to registration;
3. Contact the Office of Honors Advising (BHC 109) and based on the recommendation from their academic advisor and the requirements for University Honors, an Honors Advisor will assist with Honors course selection;
4. Continue to register for classes online;
5. Check their "Fee Invoices/Schedule" to ensure accuracy of class schedule; and,
6. Attend any mandatory Honors advising appointments.

College of Arts and Humanities

Students with a declared major in the College of Arts and Humanities (CAH) should meet with their major advisor concerning major requirements and with their assigned CAHSA advisor regarding all other requirements. Students in CAH will be assigned a CAHSA advisor, who will serve as their primary contact throughout their career in CAH. CAHSA advisors will request to meet with their assigned CAH advisees every spring and fall semester. Students are also encouraged to contact their assigned CAHSA advisor via email, as needed. Advisor assignments and their contact information can be found in the my.ucf.edu student center. CAHSA is located in Trevor Colbourn Hall (TCH) room 159 and students can also access additional information on CAHSA's website at: cahsa.cah.ucf.edu.

New students will:

1. Receive information from their assigned CAHSA advisor prior to orientation and meet with their assigned CAHSA advisor in a group setting during Orientation to discuss college policies and procedures;
2. Meet with a major advisor during orientation to discuss major requirements, plan their class schedule, and learn more about the majors offered;
3. Register for classes during orientation at a central location with the help of their assigned CAHSA advisor;
4. Check their "Fee Invoices" to ensure accuracy of their class schedule; and,
5. Create their Knights Email account.

Continuing students will:

1. Meet with their assigned CAHSA advisor as requested each fall and spring semester. Students will receive an invitation to their Knights Email account to schedule their CAHSA advising appointment through our online appointment scheduling system, myKnight STAR. The CAHSA advisor will assist each advisee in updating their Pegasus Path plans to support progression towards four-year graduation for FTIC students and two-year graduation for transfer students;
2. Meet with their major advisor in their department or school to review their academic progress and to create a plan of study for subsequent semesters. Review this plan each term with their major advisor and prior to registration;
3. Review and update their Pegasus Path plan and review their myKnight degree Audit at least every term and understand all degree requirements;
4. Regularly check and respond to emails received to their Knights Email account and respond to prompts to complete CAHSA and major advising sessions each semester.

Graduating students will:

1. File the online intent to graduate form by the posted deadline for the semester in which they intend to graduate. Please note that the deadline for filing is always the semester prior to the semester in which students intend to graduate.
2. Complete the CAH graduation webcourse after submitting the online intent to graduate application and prior to the posted deadline for filing the intent.
3. Maintain current contact information and regularly check their Knights email account, myKnight degree audit, and webcourse content.

College of Business Administration

The College of Business Administration (CBA) strives to provide its students with the highest quality academic advising and career coaching. The Office of Professional Development (OPD) assists prospective and current business majors develop an educational plan that meets their career goals.

New students will:

1. Be classified as a 'pre-major' until admission to the major requirements are met and a change of major request has been processed. 'Pre-major' students have enrollment access to CBA non-restricted classes and do not have enrollment access to CBA restricted classes;
2. Meet college Advisors in a group setting during Orientation to discuss admission to the major requirements, college policy, procedures, expectations, and degree programs;
3. Review degree requirements at Orientation using the Degree Audit and CBA literature to better understand degree requirements and the various components of their Degree Audit;
4. Submit all requests to evaluate transfer courses for equivalency to UCF courses during their first term of enrollment at UCF. General Education coursework is evaluated for equivalency by Academic Services, while the Business Common Program Prerequisites and all business coursework is evaluated for equivalency by the College;
5. Meet with a Career Coach in the OPD (BA2, Room 101), to understand the career options of their major; and,
6. Meet with their dedicated Advising Team in the OPD (BA2, Room 101), to review academic progress and develop or update an academic plan.

Continuing students will:

1. Meet with their dedicated Advising Team to review academic progress and develop or update an academic plan. Degree requirements and course prerequisites should be reviewed prior to registration each term;
2. Meet with a Career Coach as directed by activities in the college's Career Professionalism curriculum;
3. Register for courses in myUCF at their scheduled appointment time. All changes to the student's class schedule must be completed by the end of the add/drop/swap period;
4. Be classified as 'pre-major' until admission to the major requirements are met and a change of major request has been processed. 'Pre-major' students have enrollment access to CBA non-restricted classes and do not have enrollment access to CBA restricted classes;
5. Meet with their dedicated Advising Team during the term prior to the anticipated graduation term as needed; and,
6. File the electronic "Intent to Graduate Form" by the end of the term prior to the term in which graduation is intended.

Students placed on 'Lack of Progress' (LOP) due to Major and/or College of Business Administration GPA concerns will:

1. Have a "hold" placed on their subsequent registration; and,
2. Meet with their dedicated LOP Coordinator to review the student's academic situation and develop a plan of action; and,
3. Complete the CBA Lack of Progress webcourse and any subsequent requirements.

College of Community Innovation and Education

New students will:

1. Meet college advising representatives in a group setting during new student orientation to:
1. Discuss College of Community Innovation and Education admission requirements needed for enrollment in upper level classes

2. Review degree program requirements
3. Understand expectations and responsibilities associated with a career in education and service to the public
2. Be advised by the College of Community Innovation and Education's Undergraduate Affairs office in Education Complex Room 110 if their major is Education Pending or Elementary Education. All other admitted Education majors will be advised by their department academic advisor.
3. Be advised by the College of Community Innovation and Education's Undergraduate Affairs professional advisors in Education Complex Room 110 and discipline specific advisors in Criminal Justice, Emergency Management, Health Informatics and Information Management, Health Services Administration, Legal Studies, Nonprofit Management and Public Administration majors. Students enrolled in UCF Downtown campus programs can also be advised by the College of Community Innovation and Education Undergraduate Affairs office in Union West starting in Fall 2019
4. Purchase and utilize LiveText software if an education major at the beginning of the first semester of enrollment in the College of Community Innovation and Education based on program requirements

Continuing students will:

1. Set up an appointment with their academic advisor upon acceptance to their major, or the Undergraduate Affairs office, if a "Pending" major, to review academic progress and to develop an academic plan. Review this plan each term with an advisor prior to each registration period;
2. Review their degree audit through myUCF;
3. Register at scheduled appointment time in myUCF. Students must complete any changes to their schedules by the end of the university published add/drop deadlines;
4. Utilize LiveText software based upon Education major program requirements; and
5. File an online "Intent to Graduate Application" by the end of the term prior to the term in which graduation is intended.

College of Engineering and Computer Science

New students will:

1. Meet with the Engineering and Computer Science Academic Affairs representative in a **group** setting during Orientation to:
 1. Review the College of Engineering and Computer Science (CECS) academic policies and procedures
 2. Plan an appropriate first term schedule;
2. Meet with a faculty advisor in the department of their major to:
 1. Understand the career options of the major
 2. Discuss degree program requirements; and,
3. Be advised in the CECS Academic Affairs Office (ENG1 107) if Undecided Engineering majors. Students are encouraged to seek advisement on determining a major as soon as possible. Failure to declare a major by the end of the first year may result in a delay of graduation.
4. Set up and regularly check their Knights Email account.

Continuing students will:

1. Meet with an advisor in the CECS Academic Affairs Office or the department of their major during each term. Computer Science majors will be assigned a faculty advisor once they have passed the Computer Science Foundation Exam. Until that time, Computer Science majors will be advised by the CECS Academic Affairs Office or Computer Science Undergraduate Advising Office in HEC 345;
2. Set up an appointment with an advisor to review your academic progress and to develop an academic plan with the Pegasus Path tool. Review this plan each term with the advisor prior to registration;
3. Use the flow diagram or four-year plan received during Orientation to progress through the degree requirements;
4. View a Degree Audit, the registration appointment time, and search for classes (once the class schedule is available) through myUCF at my.ucf.edu;
5. Register at the scheduled appointment time in myUCF, or in person in the CECS Academic Affairs Office (AAO). Complete all schedule changes by the end of the published Add/Drop period;
6. Participate in the college designated intervention plan if you have been placed on an engineering or computer science advisement hold. An intervention through the CECS Academic Affairs Office will be required

each semester a student is on advisement hold; and,

7. File the "Intent to Graduate" through myUCF and meet with an advisor for graduation check in the CECS Academic Affairs Office or in the major department by the last day of classes of the term prior to the term in which the student intends to graduate.

College of Health Professions and Sciences

New students will:

1. Meet college advising representatives in a **group** setting during Orientation to:

1. Discuss degree program requirements;
2. Understand career options of the major program of study; and
3. Plan an appropriate first-semester class schedule.
4. Be advised by the College of Health Professions and Sciences (CHPS) Office of Student Academic Services in the Health Sciences Building II Room 115 if they are a freshman/sophomore CHPS major. All other admitted CHPS majors will be advised by their department academic advisor.

Continuing students will:

1. Meet with an academic advisor in the CHPS Office of Student Academic Services or their department advisor each semester prior to registraion, and before the beginning of the term to ensure their schedule is appropriate
2. Meet with their academic advisor in the department of their major to select appropriate program courses and check progress toward graduation
3. Review a Degree Audit through myUCF frequently to check progress toward course requirements;
4. Review and update Pegasus Path plan through myUCF each term prior to graduation; and
5. File the "Intent to Graduate Form" through myUCF and meet with an advisor in the CHPS Office of Student Academic Services or in the major department by the end of the term prior to the term in which graduation will occur.

College of Medicine - Burnett School of Biomedical Sciences

New students will:

Meet with the Burnett School of Biomedical Sciences (BSBS) College of Medicine Undergraduate Student Advising (COMUSA) advisors in group settings during Orientation to:

1. Discuss degree program requirements;
2. Understand career options of the major program of study;
3. Be directed to an appropriate academic/faculty advisor for help with information and guidance for medical/health professional or graduate programs admission requirements; and
4. Plan an appropriate first semester class schedule.

Continuing students will:

1. Meet with an advisor in the College of Medicine Undergraduate Student Advising (COMUSA) office in HS2, room 335 every semester to check progress toward graduation and selection of program courses, and to check on possible career and research opportunities;
2. See an advisor in the College of Medicine Undergraduate Student Advising (COMUSA) office if pending major for limited-access Medical Laboratory Sciences program during the first few weeks of each semester to check progress toward eligibility for application to the major;
3. View a Degree Audit, registration time, and search for classes (once the class schedule is available) through myUCF;
4. Register for courses at the scheduled appointment time. Complete all schedule changes by the end of the published add period;
5. File the "Intent to Graduate" through myUCF and meet with an advisor for graduation check in the College of Medicine Undergraduate Student Advising (COMUSA) office, by the end of the term prior to the term in which graduation will occur; and,
6. Pre-health professional students: See your COMUSA advisors and BSBS faculty and consult with the Office of Pre-Health and Pre-Law Advisement.

Pre-Health Professional Planning

Pre-professional advisement deals primarily with understanding the requirements for successful application and admission to health professional schools.

Admission to a health professional school is highly competitive. Pre-health professions students are expected to be high achievers, and to obtain good grades with heavy loads and rigorous course combinations.

Most professional schools expect applicants to present at least a "B" average and to carry a minimum of 15 credit hours each term, with the exception of Summer term.

Each student is urged to carefully select a degree-granting major in our program. This will not only allow one to become more competitive for admission, but also to prepare for an alternate career in the event admission to a professional school is denied. Any degree-granting program may be selected as a major for pre-health students; however, the biomedical science major meets all admission requirements for health professional schools including medicine, dentistry, veterinary, pharmacy, physician assistant, etc. Our BS programs provide our students with a solid background to excel in health professional school programs. *All students seeking admission to health professional schools should enroll in **SLS 2311C - Overview of Select Medical Careers** in their first year at UCF and seek additional guidance from Office of Pre-Health and Pre-Law Advisement.*

Additionally, prudent use of elective hours in the curricula will permit other appropriate pre-health professions courses to be obtained to help prepare for specific admission exams.

All pre-health professions students are strongly encouraged to participate in the activities of one or more of the student health related organizations and become involved in community service and career shadowing.

Curricula Guidelines

All pre-health professions students are strongly encouraged to enroll in SLS 2311C - Overview of Select Medical Careers the first semester they are enrolled. This course provides a broad exposure to the various four-year health professions. In addition, the entire pre-professional process (academic preparation, applications, admission tests, interviews, admissions, scholarships, etc.) is explained in depth.

All pre-health professions students should complete the following science courses (many of which are applicable to the GEP) to meet the variable requirements of the Florida medical schools:

General Biology	BSC 2010C, BSC 2011C
General Chemistry	CHM 2045C, CHM 2046, CHM 2046L
Organic Chemistry	CHM 2210, CHM 2211, CHM 2211L
Biochemistry	BCH 4053 or BCH 4024
Biochemistry/Molecular Lab	BSC 3403C
Microbiology	MCB 3020C
Calculus	MAC 2253 (prefer MAC 2311C, MAC 2312)
Physics	PHY 2053C, PHY 2054C or PHY 2048C, PHY 2049C
Statistics	STA 2023
Immunology	PCB 3233 and PCB 3233L
Neurobiology	ZOO 3744
Psychology/Sociology	See recommended list in advising offices
*Students should work with their major's advising office and the Pre-Health and Pre-Law Office on the schedule planning of these prerequisites.	

Dates of Importance

All students should be aware of registration deadlines and test dates for their specific admissions exam (DAT, MCAT, OAT, GRE, etc.). In addition, most four-year health professions schools subscribe to professional application services (AMCAS, ADDSAS, ACOMAS, etc.), thus require completion of a thorough application packet provided by the various application services.

· College of Nursing

New students will:

Meet college advising representatives in **group** settings during UCF Orientation to:

1. Discuss degree program prerequisite requirements;
2. Understand Nursing admission requirements;
3. Understand career options of the major program of study; and,
4. Plan an appropriate first term class schedule.

Continuing students will:

1. If **accepted into a nursing program**, attend a College of Nursing orientation and see a faculty advisor during the first few months of each semester to review program courses and check progress toward graduation.
2. If a **nursing pending major**, see an advisor in the College of Nursing, Undergraduate Student Services, during the first few weeks of each semester to check progress toward eligibility for application to the major.
3. If an **undecided nursing major**, see an advisor in the Knights Major Exploration and Transition Center (KMETC) during the first few weeks of your first summer and fall semesters to check progress toward eligibility toward the nursing pending major.
4. View a myKnight Audit through myUCF each semester; and,
5. File an "Intent to Graduate" online through myUCF by the end of the term prior to the term in which graduation will occur.

· College of Optics and Photonics

New students will:

1. Meet with the Photonic Science and Engineering Academic Affairs representative in a **group** setting during Orientation to:
 1. Review the College of Engineering and Computer Science (CECS) and College of Optics and Photonics (COP) academic policies and procedures;
 2. Plan an appropriate first term schedule
2. Meet with a faculty advisor in the department of their major to:
 1. Understand the career options of the major;
 2. Discuss degree program requirements

Continuing students will:

1. Meet with an advisor in the COP Academic Affairs Office, CREOL 108B;
2. Submit a change of major in myUCF when pending requirements have been completed;
3. Use the flow diagram or four year plan received during Orientation to review degree requirements. Updates posted to www.creol.ucf.edu;
4. View a Degree Audit, the registration appointment time, and search for classes (once the class schedule is available) through myUCF at my.ucf.edu;
5. Register at the scheduled appointment time in myUCF. Complete all schedule changes by the end of the published Add period;
6. Meet immediately with the advisor if you have been placed on an advisement hold. An intervention through the COP Academic Affairs Office will be required each semester a student is on advisement hold; and,
7. File the "Intent to Graduate" through myUCF and meet with an advisor for graduation check in the COP Academic Affairs Office, by the last day of classes of the term prior to the term in which the student intends to graduate.

· College of Sciences

Advising Hours: Monday through Thursday 9-5; Friday 9-12

College of Sciences Building (CSB) 250

sciences.ucf.edu/cosas/

407-823-6131

cosas@ucf.edu

College of Sciences majors must meet with an academic advisor within the department or school of their major

and/or an advisor in the College of Sciences Advising Services (COSAS) to ensure students have the tools to be successful in their major and academic goals. To ensure this,

New Students will:

1. Meet in a **group** setting during Orientation with representatives from the College of Sciences to discuss college policies and procedures;
2. Have two primary advisors, one in the department or school of their major and one in COSAS;
3. Meet with their department or school advisor to discuss major requirements;
4. Meet with an advisor in COSAS or the major in their first semester to discuss degree requirements;
5. Refer to COSAS for any questions pertaining to General Education requirements, college-level test credit such as AP, IP, AICE, and CLEP; Gordon Rule, university credit hour requirements, university policies and procedures, prerequisite enforcement process, etc.;
6. Complete their Pegasus Path before finishing their first semester (seeking assistance from COSAS if and as needed);
7. Check their "Fee Invoices" to ensure accuracy of their class schedule

Continuing Students will:

1. Contact the department or school of their major and meet with a faculty or professional advisor during the first two months of any semester to review progress and plan a program of study;
2. Refer to the department or school of their major any questions about major requirements in the myKnight Audit;
3. Meet with their department or school academic advisor prior to registration and before the beginning of the term to ensure their schedule is (and is still) appropriate;
4. Access the class schedule and myKnight Audit online at the Student Center: my.ucf.edu;
5. Resolve any HOLDS placed on their account that may prevent registering for classes;
6. Check to be sure they are meeting all prerequisites/corequisites of courses they plan to take. Note:
 - Regardless of which college the student may be in, COS enforces prerequisites/corequisites of COS courses through the registration system and notifies students not meeting prerequisites before the start of each term.
 - If necessary, COSAS administratively drops students not meeting prerequisites for COS courses and may require proof of prerequisite completion to remain enrolled if prerequisite was taken somewhere other than UCF;
7. Register for classes through the Student Center: my.ucf.edu. Note:
 - Special assisted registration (e.g., overrides, independent study, thesis) for COS courses must be handled in COSAS.
 - All registration must be completed by the published deadlines (see the semester deadlines in the [UCF Academic Calendar](#));
8. Refer to COSAS any questions that pertain to GEP, CLEP, AP credit, Gordon Rule, university credit hour requirements in the myKnight Audit or Pegasus Path;
9. Refer to COSAS any questions about university or college policies and procedures
10. Check their "Fee Invoices" to ensure accuracy of their class schedules; and,
11. Continue to check their Pegasus Path to ensure accuracy and take advantage of the relevant co-curricular and signature experiences.

Students placed on probation due to low UCF GPA will:

1. Have a "HOLD" placed on their subsequent registration;
2. Be required to complete an online webcourse.
 1. Students who continue on probation will be required to complete the webcourse and a mandatory workshop prior to the withdrawal deadline.
 2. More information can be found at [COSAS: Academic Probation](#)
3. Design a plan of study with an advisor within the department of their major for the upcoming semester; and,
4. Submit the plan of study within the online webcourse prior to the withdrawal deadline of the current semester and prior to registration for the subsequent semester.

Graduating students will do the following during the term PRIOR to the graduating term:

1. Review [COS graduation instructions](#);
2. Complete the on-line graduation application on myUCF within the dates specified in the [UCF Academic Calendar](#) for the semester of graduation;
3. Complete COS graduation form at sciences.ucf.edu/cosas (click on "Graduation" button); and,
4. Check their Knights Email account for further instruction. Graduating students may be required to see a

COSAS advisor to review status.

College of Undergraduate Studies

Students interested in declaring a major in Interdisciplinary Studies (IDS), IDS Diversity Studies, Environmental Studies or Integrative General Studies must meet with an advisor in the College of Undergraduate Studies - Interdisciplinary Studies Advising to complete the declaration process.

New students will:

1. Meet with an advisor in College of Undergraduate Studies - Interdisciplinary Studies Advising during Orientation to complete the declaration process for Interdisciplinary Studies (IDS), IDS Diversity Studies Track, Environmental Studies or Integrative General Studies degree and discuss policies and procedures, degree program requirements, and plan an appropriate first semester class schedule;
2. For Interdisciplinary Studies (IDS) and IDS Diversity Studies Track: Meet with an advisor in the department of their minor to review the program's requirements;
3. Refer any questions pertaining to general education requirements, AP and CLEP credit, Gordon Rule, and other policies and procedures, as appropriate, to Academic Services;
4. Register for classes online.

Continuing students will:

1. Meet with an advisor in College of Undergraduate Studies - Interdisciplinary Studies Advising prior to registration and/or before the beginning of each term to review progress, select courses, and address any questions pertaining to the program;
2. Review the class schedule, myKnight Degree Audit and register online during their scheduled appointment time at my.ucf.edu;
3. For Interdisciplinary Studies (IDS) and IDS Diversity Studies Track: Meet with an advisor in the department of their minor to review progress;
4. Check their Fee Invoice to ensure accuracy of their class schedule.

Students on academic probation due to low UCF GPA will:

1. Have a "HOLD" placed on their subsequent registration; and;
2. Attend a mandatory meeting with an advisor in College of Undergraduate Studies - Interdisciplinary Studies Advising discuss probation policy, academic progress, success strategies, and campus resources available to help students in need of support (academic or otherwise).

Graduating students will do the following during the term PRIOR to the graduating term:

1. Review graduation instructions available on the College of Undergraduate Studies website;
2. Complete the online graduation application on myUCF within the dates specified at calendar.ucf.edu;
3. Check their Knights Email account for further instructions. Graduating students may be required to see an academic advisor to review status;
4. For Interdisciplinary Studies (IDS) and IDS Diversity Studies Track: Meet with an advisor in the department of their minor to confirm that the minor requirements have been met.

Rosen College of Hospitality Management

New students will:

Meet college advising representatives in **group** settings during orientation to:

1. Discuss degree program policies and curriculum requirements;
2. Understand major options and programs of study;
3. Explore available student success resources and the importance of the knights Email account for notifications;
4. Plan an appropriate first semester class schedule; and,
5. Review and learn how to interpret the myKnight Audit and utilize advising resources tools through myUCF and webcourses.

Continuing students should:

1. Utilize the "**Rosen College Undergraduate Advising Guide**" Webcourse as a resource to enhance degree

completion;

2. See an Internship Faculty Advisor for assistance in interpreting and utilizing the experiential learning PREP modules;
3. View degree requirements according to catalog year and course prerequisites prior to schedule planning;
4. Schedule an appointment to see an Advisor prior to registration each term to review degree requirements and to make sure you are on track for graduation;
5. View a Degree Audit through myUCF and contact a program advisor in the Office of Student Services regarding concerns; and,
6. File an "Intent to Graduate" online through myUCF **by the deadline published in the UCF Academic Calendar** the semester prior to the term in which you plan to **graduate**.

· UCF Connect Centers

Success Coaches are available at 12 UCF Connect locations to guide, to support, and to provide academic advising for strategic completion programs and destination programs at respective locations. The coaches also serve as points of contact for DirectConnect to UCF students at the locations to provide a seamless transition for prospective students.

Division of Student Development and Enrollment Services

- [Introduction](#)
- [Academic Services for Student-Athletes \(ASSA\)](#)
- [Activity and Service Fee Business Office \(ASF\)](#)
- [Career Services \(CS\)](#)
- [Counseling and Psychological Services \(CAPS\)](#)
- [Creative School for Children \(CSC\)](#)
- [First Year Experience \(FYE\)](#)
- [Fraternity and Sorority Life \(FSL\)](#)
- [Housing and Residence Life \(HRL\)](#)
- [LEAD Scholars Academy \(LSA\)](#)
- [Multicultural Academic and Support Services \(MASS\)](#)
- [Student Neighborhood Relations \(SNR\)](#)
- [Office of Student Involvement \(OSI\)](#)
- [Office of Student Rights and Responsibilities \(OSRR\)](#)
- [Recreation and Wellness Center \(RWC\)](#)
- [TRIO Programs](#)
- [Social Justice and Advocacy \(SJA\)](#)
- [Student Accessibility Services \(SAS\)](#)
- [Student Financial Assistance \(SFA\)](#)
- [Student Government \(SG\)](#)
- [Student Health Services \(SHS\)](#)
- [Student Legal Services \(SLS\)](#)
- [Student Outreach Services \(SOS\)](#)
- [Student Union \(SU\)](#)
- [Undergraduate Admissions \(UA\)](#)
- [Veterans Academic Resource Center \(VARC\)](#)

Vice President for Student Development and Enrollment Services: *Maribeth Ehasz*

Millican Hall (MH) 282

sdes.ucf.edu

407-823-4372

sdes@ucf.edu

· Introduction

The Division of Student Development and Enrollment Services (SDES) engages students in the total collegiate experience – from identification, recruitment, matriculation, and investment, to successful progression, graduation, and employment in a global workforce. This is accomplished by providing opportunities for enriched student development, leadership growth, experience-based learning, values education and civic engagement which lead to overall student success. SDES affirms that the student who comes to UCF should not be the same student who graduates from UCF. We embrace the tenets of the UCF Creed – Integrity, Scholarship, Community, Creativity, and Excellence as a framework for developing student learning outcomes to facilitate transformational learning.

Goals of the division are to:

- Promote student progression to graduation, graduate and professional school, and productive employment.
- Create opportunities for students to develop and strengthen leadership skills.
- Assist students to further develop purpose, integrity, ethical practices, and civic responsibility.
- Embrace diversity and inclusiveness.
- Foster student engagement in the Central Florida citi-state and the global community.

· Academic Services for Student-Athletes (ASSA)

Director and Assistant Athletic Director: Tara G. Helton
Wayne Densch Center for Student-Athlete Leadership (CSAL)
assa.sdes.ucf.edu
407-823-5896
assa@ucf.edu

The Office of Academic Services for Student-Athletes, which is housed within SDES, works in collaboration with the Athletics Department to assist student-athletes in their efforts to establish and achieve their personal, professional and academic goals. In addition, ASSA ensures student-athletes understand NCAA Division I, American Athletic Conference and UCF academic eligibility rules and requirements.

ASSA services include:

- Providing transition services that promote the academic success of student-athletes.
- Guiding student-athletes in their selection of meaningful and appropriate major and minor fields of study.
- Assisting student-athletes with course registration, understanding of policies and procedures, and tracking progress towards degree completion.
- Organizing study halls, learning assistant meetings, and tutorial services.
- Directing student-athletes to utilize the full spectrum of other university services.
- Preparing student-athletes in their career planning and development.
- Assisting student-athletes with educational impacting disabilities including learning assessments and accommodations.
- Providing student-athletes with computer access and services.

Activity and Service Fee Business Office (ASF)

Director: TBD
Student Union (STUN) 215
asf.sdes.ucf.edu
407-823-5548
asf@ucf.edu

The Activity and Service Fee Business Office services the purchasing, accounting and personnel needs of Activity and Service Fee funded departments and agencies and provides a variety of services to UCF students. ASF is also a support office for registered student organizations and UCF students that are allocated Activity and Service Fee funds by the Student Government Association. The office administers an online financial training course that must be completed by all students that are allocated Activity and Service Fee funds and by the officers of all registered student organizations. In addition, the office manages the Student Government Association Ticket Center which sells a variety of specially-priced tickets to local theme parks, movie theaters, and attractions.

Career Services (CS)

Executive Director: Lynn Hansen
Career Services & Experiential Learning (CSEL)
career.sdes.ucf.edu
407-823-2361
career@ucf.edu

Career Services offers a comprehensive range of services to help UCF students of any major reach their academic and career goals with a talented staff of career professionals. These comprehensive services are designed to help first year through graduate students with all phases of career development to include:

- Major and Career Choices.
- Academic and Career Information.
- Resumes and Cover Letters.
- Interviewing Skills.
- Job Search Strategies.
- Employment Assistance (Career Fairs, On-Campus Recruiting, and Job Postings).
- Graduate School Information.

These programs and services are available through drop-in assistance, scheduled appointments, workshops, and major events.

Counseling and Psychological Services (CAPS)

Director: Karen R. Hofmann

Counseling and Psychological Services (CAPS)

caps.sdes.ucf.edu

407-823-2811

Counseling and Psychological Services (CAPS) serves currently enrolled UCF students seeking assistance with developmental and mental-health related concerns by offering a wide variety of services and programs free of charge. CAPS mission is to enhance the lives of students by reducing the impact of mental health and phase of life challenges, elevating resiliency, and minimizing the interruption of their academic pursuits by providing high-quality culturally competent, clinical, and outreach services and a nationally renowned training program. CAPS is composed of professional staff including licensed (and licensed eligible) psychologists, mental health counselors, social workers, and graduate level counselors-in-training who provide a safe and confidential environment in which students can explore and resolve personal concerns and issues. CAPS is open Monday through Thursday, 8 a.m.-6 p.m. and Friday, 8 a.m.-5 p.m., during fall and spring semesters and Monday through Friday, 8 a.m.-5 p.m., during the breaks and summer semesters.

CAPS offers:

- Initial Assessments and recommendations.
- Short-term individual and group therapy options.
- Couples therapy (*both need to be UCF students).
- Outreach presentations and workshops and a variety of topics.
- Consultation to faculty, staff, parents, and students.
- Referral services to community and campus resources.
- Walk-in appointments available daily.
- Crisis intervention and management
 - * *Crisis afterhours hotline: 407-823-2811 Press #5*
- *Connect with CAPS on Social Media (Facebook, Instagram, Twitter, YouTube)*

*Programs are offered via telehealth (on-line video conferencing) due to the COVID-19 pandemic.

· **Creative School for Children (CSC)**

Director: Suzette Turner

Creative School for Children I (CSC1)

csc.sdes.ucf.edu

407-823-2726

csc@ucf.edu

The Creative School for Children is an Educational Research Center for Child Development, providing quality early learning experiences for children ages 6 weeks to 5 years old, including the Florida Voluntary Pre-K (VPK) program. CSC is accredited by the National Association for the Education of Young Children (NAEYC) and has earned the Florida Gold Seal. The learning environments in the CSC classrooms are facilitated by highly skilled, degreed teachers who offer a wide variety of experiences through the implementation of Creative Curriculum, Project Approach and Conscious Discipline. Daily hands-on and minds-on activities are provided in creative play, music, language, motor skills, science, math, and dramatic play. Planned on-campus field trips and special family programs are part of the annual schedule. UCF students volunteer, observe and complete their internships, along with university faculty conducting educational research at CSC. The school enrolls children of university students and employees as well as community members.

· **First Year Experience (FYE)**

Director: Ryan Newton

Howard Phillip Hall (HPH) 216

fye.sdes.ucf.edu

407-823-5105

fye@ucf.edu

First Year Experience is committed to providing a success transition to UCF for new students and their families. FYE assists entering freshmen and transfer students by providing information about student services, campus life, academic support, academic advising and registration. Every incoming freshman and transfer student is required to attend an Orientation session prior to registering for classes. Students have the opportunity to serve in leadership roles with FYE Orientation Team (O-Team). FYE also oversees the Pegasus Parent Program, which aims to provide parents and family members of UCF students with important information about UCF and its resources. Family

Weekend is a part of the Pegasus Parent Program and occurs every fall semester during a home football game weekend.

· Fraternity and Sorority Life (FSL)

Associate Vice President: Kerry Welch

Fraternity and Sorority Life Building (G415) - 4100 Greek Park Drive

fsl.sdes.ucf.edu

407-823-2072

ucfgreek@ucf.edu

The Fraternity and Sorority Life office is committed to providing excellence in active advising of fraternity and sorority leaders that will create lifelong bonds through the principles encompassed in fraternal values. FSL fosters an inclusive environment and commitment to student growth, academic excellence, civic engagement, leadership development, positive relationships, and risk-reduction education. It encompasses small group living and more importantly, developmental programming for individuals, chapters, chapter alumni boards, house corporation officers, and collegiate governing boards (i.e., Panhellenic Council (PAN), Interfraternity Council (IFC), National Pan-Hellenic Council (NPHC), Diversified Greek Council (DGC), and the Greek Council).

FSL can offer students a "home away from home," a scholastic support system, networking opportunities, an organization for community service, transferable skills for management and leadership development, and a foundation for long-lasting friendships. You can follow what's happening within the Greek community via our Facebook page or on Twitter. Currently, there are 49 fraternities and sororities on UCF's campus with more than 4,000 active Greek students. Greek organizations give college men and women a chance to excel in any area they choose and include students of every race, religion, culture, and background. Students are encouraged to take a closer look at UCF's Greek community through participation in fraternity or sorority recruitment. It is important to be familiar with each council's specific recruitment or new member intake process. For details, visit fsl.sdes.ucf.edu and select "Councils." We encourage you to familiarize yourself with all of the councils to better understand the diversity of the Greek community and what each council has to offer.

· Housing and Residence Life (HRL)

Executive Director: April Hicks Konvalinka

Housing Administration Building (HAB) 123

housing.ucf.edu

407-823-4663

housing@ucf.edu

The Department of Housing and Residence Life offers housing on the Orlando campus, the Downtown campus, and the Rosen College of Hospitality Management campus for regularly enrolled students paying tuition and fees for a minimum of nine credit hours. Living on campus is strongly encouraged for first-year students, and limited space is available to upperclassmen and graduate students. Eligibility information can be found on our website. Incoming first-year students may apply for housing immediately after being offered admission to the university. The online application process is available through myUCF. As there is not enough on-campus housing for all students, those desiring to live on-campus should apply as early as possible. Application periods include academic-year agreements (fall/spring) with a separate application for summer or 11.5 month annual agreements (fall/ spring/summer). Many types of housing are available, ranging from suite-style shared-bedroom residence halls to luxury apartments with private bedrooms and bathrooms. Many first-year students who apply for academic-year agreements will receive assignments in shared-bedroom suite-style residence halls. Private bedrooms in apartments are guaranteed only in the Towers at Knights Plaza located on the Orlando main campus, NorthView, located adjacent to the main campus or the Rosen College of Hospitality Management Student Apartments, located at the Rosen Campus. UnionWest at Creative Village on the Downtown campus features suites and apartments with both private and shared rooms. More information on the different housing options, rates, floor plans, etc., is available online at housing.ucf.edu.

Several different meal plans are available through UCF Dining Services. Information about meal plans is available online at <http://www.ucfdining.com>.

· LEAD Scholars Academy (LSA)

Director: Stacey Malaret

Ferrell Commons (FC) 165

lsa.sdes.ucf.edu

407-823-2223

leadscholarsacademy@ucf.edu

The mission of the LEAD Scholars Academy is to establish an environment that will provide comprehensive leadership education, development, and civic engagement opportunities for the UCF community. Through collaboration and partnerships, the LSA incorporates established leadership models to create professional, academic and experiential opportunities that challenge, empower, and educate students to become social change agents and encourages citizenship in a global society.

The primary vision for the area is the development of an intentional and comprehensive program that targets specific groups, as well as provides campus-wide opportunities for students regardless of their class standing and/or level of involvement experience. Leadership programs will vary in duration from an extended program that may last several weeks or years to a one-day workshop. The focus is to provide a variety of programmatic options that recognize students have different needs, time constraints, and levels of interest.

The LSA first-year program provides academic, service and experiential opportunities for students that combine in and out of classroom challenges in both an academic and co-curricular environment. The application process for this program is open to all first time in college students prior to the beginning of their UCF career. Those accepted into the program have achieved student success.

All UCF students may participate in the LSA through various experiential tracks including civic engagement, women's leadership, multicultural leadership, the virtual leadership academy, global leadership, Latinx Leadership, LEAD with Pride and the Clinton Global Initiative University program.

Additional programs are developed throughout the year to provide leadership enhancement and empowerment opportunities for UCF students. Through programming, networking, mentoring, personal development or experiential training, UCF students learn the skills needed to hold various leadership positions on campus and within their chosen career.

· **Multicultural Academic and Support Services (MASS)**

Director: *Wayne Jackson*

Student Union (STUN) 154

mass.sdes.ucf.edu

407-823-2716

mass@ucf.edu

The Office of Multicultural Academic and Support Services provides comprehensive academic support, cultural enrichment, consultation, and referral services that promote the retention and graduation of multicultural and First Generation college students. MASS offers personalized advising and support; monitors academic progress; sponsors a six-week summer ACCESS Program, coordinates the Brother to Brother and Sister to Sister Programs, the Knight Alliance Network (for Foster Care alumni), Multicultural Transfer Student Programs and also provides guidance to DACA and Dreamer students. MASS serves as the focal point of operations in addressing the specific needs, issues, and concerns that confront multicultural and First Generation college students at UCF.

· **Student Neighborhood Relations (SNR)**

Interim Associate Vice President: *Mark Gumble*

Millican Hall (MH) 282

nrse.sdes.ucf.edu

ucf.offcampuspartners.com

407-823-4427

snr@ucf.edu

Student Neighborhood Relations is dedicated to assist UCF students and community property owners with creating and maintaining pleasant housing experiences for UCF students who live off campus. Our staff provides tools, resources, and information to UCF students in search for off campus housing and to understand their rights as a tenant and the terms of their lease. We also expect and encourage all UCF students to honor the UCF Golden Rule both on- and off- campus. We are also a resource to local property owners looking to list rental opportunities to UCF students and/or address matters in their neighborhood that impact UCF students. For more information please navigate this webpage's links, the Knight's Guide to Living Off Campus or reach out to us directly with your questions.

· **Office of Student Involvement (OSI)**

Director: *Shane Juntunen*
Student Union (STUN) 208
osi.ucf.edu
407-823-6471
osi@ucf.edu

The mission of the Office of Student Involvement is to provide quality programs, services, and leadership opportunities that enrich students' academic endeavors and enhance the campus environment. Students and staff collaborate to develop programs and services which encourage student's personal growth, promote civic responsibility, embrace differences, and connect students to the campus and the community.

To fulfill our mission, OSI's staff members oversee the registration and management of more than 600 registered student organizations (RSOs), as well as the advisement and coordination of the following student groups: Black and Gold Studios, Campus Activities Board (CAB), Graduate Outreach (GO) Homecoming, Knight-Thon, Knights of the RoundTable (KoRT), Late Knights, Knights of the Connection, Rosen Life, Student Government (SG), Volunteer UCF (VUCF), and Knights of the Turntables, OSI's DJ service. OSI strives to support all members of our UCF community and encourages any person in need of an accommodation to participate in our programs or services to email us at osi@ucf.edu.

Office of Student Rights and Responsibilities (OSRR)

Executive Director, Assistant Dean of Students, Deputy Title IX Coordinator: *Dana Juntunen*
Ferrell Commons (FC) Suite 227; 407-823-4638
<http://osrr.sdes.ucf.edu>; <http://goldenrule.sdes.ucf.edu>; <http://www.sdes.ucf.edu/creed/>;
<http://osrr.sdes.ucf.edu/titleix>

The Office of Student Rights and Responsibilities promotes a campus climate of integrity, civility, accountability and student well-being by providing a wide array of resources, education, and support services for the university community. OSRR is comprised of: Student Conduct, Integrity and Ethical Development and Student Care Services. OSRR also oversees the Golden Rule Student Handbook, The UCF Creed and Title IX reports perpetrated by a student on a student.

Office of Integrity and Ethical Development (IED)

Director: *Jennifer Wright*
Ferrell Commons (FC-C) 142
ied.sdes.ucf.edu
407-823-3477
ied@ucf.edu

The Office of Integrity and Ethical Development specializes in the promotion of individual responsibility and personal development.

Emphasis is on the promotion of academic integrity and prevention academic misconduct. Programs are designed to bring awareness to topics such as integrity, personal accountability, ethical decision making, and professionalism. Services include coaching sessions, excellence in decision making seminar, academic integrity workshops, and support services. Workshops are offered every semester designed to provide students (undergraduate/graduate) and student organizations with the college life skills necessary for academic and personal success at UCF.

Office of Student Conduct (OSC)

Director: *Michael Gilmer*
Ferrell Commons (FC-G) 227
osc.sdes.ucf.edu
407-823-4638
st_condu@ucf.edu

The Office of Student Conduct handles complaints against UCF students and student groups (but not faculty or staff). The complaint must indicate a possible violation of one or more of the Rules of Conduct or Organizational Rules of Conduct located in the Golden Rule Student Handbook. The Golden Rule Student Handbook may be viewed at goldenrule.sdes.ucf.edu.

Student Care Services (SCS)

Associate Director: Ann Marie Palmer

Ferrell Commons (FC-C) 138

cares.sdes.ucf.edu

407-823-5607

ucfcares@ucf.edu

Student Care Services offers guidance, resources, and referrals to UCF students who are experiencing a distressing situation which significantly impacts academic or personal success. The SCS team coordinates referrals to campus and community resources, develops action plans for student success, oversees the Student of Concern process, and provides education and outreach to university and community members. Our goal is to intervene before a student reaches crisis level and ensure the safety of both the student and the UCF community. SCS also oversees UCF Cares, an umbrella of care-related programs, resources and staff dedicated to fostering a caring community of Knights.

Recreation and Wellness Center (RWC)

Executive Director: James Wilkening

Recreation and Wellness Center (RWC)

rec.ucf.edu

407-823-2408

ucfrec@ucf.edu

Have Fun and Stay Fit

Welcome to UCF's "Greatest place to play!" With 14 recreation facilities and six distinct program areas (fitness, outdoor adventure, intramural sports, sports clubs, athletic training, and aquatics), we have well-being covered for all our Knights. Try a yoga class or our high-intensity interval training (HIIT), circuit, and functional training class F45. If you like the outdoors, rent a kayak at the William E. and Mary Jo Davis Recreation at Lake Claire or participate in an inclusive and adaptive event. Any student of any ability can find something of interest at the RWC. From championship-level programs to resort-style pools, we have it all at the UCF Recreation and Wellness Center.

What We Have to Offer:

Recreation Center— approx. 150,000 sq. ft.

- Six multipurpose courts
- Newly renovated 1/8-mile track (updated January 2021)
- Four racquetball courts
- 9,300 sq. ft. cardiovascular floor
- 14,500 sq. ft. weight floor
- Cycling studio and group exercise studio
- Multipurpose room
- Heated, nine-lane regulation lap pool
- A full-service athletic training room
- 41 ft. climbing tower

Outdoor Facilities

- 10-lane, Olympic-style lap pool
- William E. and Mary Jo Davis Recreation Area at Lake Claire
- Four sand volleyball courts
- Four basketball courts
- Softball/Baseball field
- Nine tennis courts featuring showcase championship court
- RWC Park
 - Nine-hole disc golf course
 - Two multipurpose grass fields
 - Six lighted artificial turf fields
 - Coming soon outdoor fitness stations (2021)
- Challenge course (low and high elements rope course)
- Resort-style leisure pool

Knights Plaza— 8,700 sq. ft. (a more intimate and private space, especially for first-time users)

- 1,496 sq. ft. mind and body studio
- 949 sq. ft. circuit room

- 3,028 sq. ft. general weight and cardio areas
- 20 pieces of cardio equipment
- 20 weight machines

UCF Downtown Recreation and Wellness - 7,800 sq. ft. cardio and strength equipment, functional workout space

- WHPS office with services including stress management, nutrition, education, wellness coaching and sexual wellness
- Group Exercise studio that hosts a variety of fitness classes
- Assessment room featuring the MicroFit Assessment System and personal training
- Functional fitness area complete with Escape Training Rig, plyometric equipment, power racks, benches, and free weights
- A full circuit of 11 selectorized weight machines and strength equipment
- 20 pieces of state-of-the-art cardio equipment

Programs include:

- [Aquatics](#): Enjoy a 9-lane Olympic-style lap-pool for which we heat year-round for workouts anytime. Need a place to relax and have fun? Enjoy our resort-style Leisure Pool near the Academic Village.
- [Fitness](#): Sign up for daily group exercise classes ranging from yoga to strength, resistance, and cardio-based dance to help you reach your fitness goals. Sign up for a fitness assessment to learn your baseline fitness level and test cardiovascular endurance, muscular endurance, muscular strength, and body composition. Knights can also schedule one-on-one sessions with a certified personal trainer to create an individualized fitness program just for you (this is fee-based).
- [Intramural Sports](#): Enjoy friendly and competitive Knight-to-Knight in-person and virtual competitions all year round. Whether it is team sports like basketball, flag football, and soccer, or jumping online to compete in Esports, our intramural sports program has a way for any Knight of any level to compete.
- [Outdoor Adventure](#): Enjoy our beautiful Rock-Climbing Tower at the RWC or explore the outdoors at the William E. and Mary Jo Davis Recreation Area at Lake Claire. Rent equipment to take to your favorite coast or campsite or travel to great in-state, out-of-state, and out-of-the-country locations by taking part in our outdoor trips program. Students can also get valuable leadership experience on our challenge course (low and high elements available).
- [Risk Management](#): Knights can have our professionally certified Athletic Training staff treat new injuries and prevent future ones. Knights can also sign up for first aid and CPR/AED certifications and training through our American Red Cross-certified instructors.
- [Sport Clubs](#): Looking for competitive sports in a renowned championship-level program? While any one of our 44 sport clubs is open to you. From Esports to Fencing, Lacrosse to Soccer, or Rugby to Ultimate Frisbee, any level athlete can participate with a club team.

LOCATIONS:

- [Main Building](#): At the corner of Gemini Boulevard South and Ursa Minor Street.
- [RWC @ Knights Plaza](#): At the corner of Gemini Boulevard North and West Plaza Drive.
- [RWC @ Downtown](#): Located on the second floor in the Well-Being area of the new Union West at Creative Village on the UCF Downtown Campus at the corner of Terry and Livingston avenues.

FOLLOW US:

Facebook: [ucfrwc](#)

Twitter: [@UCFRWC](#)

Instagram: [ucfrwc](#)

YouTube: [ucfrec](#)

Wellness and Health Promotion Services (WHPS)

Director: *Maureen Hawkins*

Recreation and Wellness Center (RWC) 111

whps.sdes.ucf.edu

407-823-5841

wellness@ucf.edu

Be A Healthy Knight

[Wellness and Health Promotion Services](#) aims to assist every UCF student in being a "Healthy Knight" and coordinates the campus Healthy Knights 2020 initiative. WHPS recognizes the role of lifestyle in health, wellness and academic success. We offer a wide range of health promotion and risk reduction services on topics including sexual wellness, nutrition, stress management, sleep hygiene, body acceptance and healthy relationships.

What We Have to Offer:

- [Wellness Workshops](#)
- [Free HIV Testing & Risk Reduction Counseling](#)
- [Free Condoms](#)
- [Biofeedback Assisted Relaxation Training](#)
- [Koru Mindfulness Classes](#)
- FreshU Cooking [Demos](#) and [Classes](#)
- [FreshU To-Go](#)
- [Tower Garden Workshops](#)
- [GPS Wellness Coaching](#)
- [SNAP Coaching](#)
- [Couponing Classes](#)

Follow Us on Social Media:

- [Facebook](#)
- [Twitter](#)
- [Instagram](#)
- [YouTube](#)

TRIO Programs

Executive Director: *Rebekah McCloud*
Howard Phillips Hall (HPH) 208/214/217/221
trio.sdes.ucf.edu
407-823-4165
sss@ucf.edu

PRIME STEM

PRIME STEM (Purpose + Reach = Individuals Measured for Excellence)/Student Support Services is a federally funded TRIO program (U.S. Department of Education). The program supports 124 undergraduate students pursuing STEM (Science, Technology, Engineering, and Mathematics) majors who are first-generation, low income, and/or have a documented disability. PRIME STEM works with students in six specific STEM degree programs - Biology, Biomedical Sciences, Computer Science, Engineering, Health Sciences, and Information Technology). The project offers academic support services and resources to assist PRIME STEM scholars to successfully complete a STEM degree. As an advocate for access to higher education, PRIME STEM/Student Support Services is committed to providing the support necessary to empower participants in developing and achieving academic goals.

Project ACE

Project ACE (Achieving Academic & Career Excellence)/Upward Bound is a federally funded TRIO program (U.S. Department of Education). The program supports and empowers first-generation individuals from disadvantaged backgrounds. Upward Bound provides learning resources, promotes educational persistence in secondary education and fosters a culture of success and personal motivation that helps students to successfully graduate from high school and pursue higher education. The program supports Orange County Public Schools students who attend Apopka High School.

Project BEST

Project BEST (Building Exemplary Scholars for Tomorrow)/Student Support Services is a federally funded TRIO program (U.S. Department of Education). The program supports 144 undergraduate students who are first-generation, low income, and/or have a documented disability. The project offers support services and resources to assist scholars in transitioning from one level of higher education to the next and to successfully complete an undergraduate degree in any major. As an advocate for access to higher education, Student Support Services is committed to providing the support necessary to empower participants to develop and achieve their academic goals.

Project EDGE

Project EDGE (Exploration & Determination Guarantees Excellence)/Upward Bound is a federally funded TRIO program (U.S. Department of Education). The program supports and empowers first-generation individuals from disadvantaged backgrounds. Upward Bound provides learning resources, promotes educational persistence in secondary education and fosters a culture of success and personal motivation that helps students to successfully graduate from high school and pursue higher education. The program supports Orange County Public Schools students who attend Edgewater High School.

Project PACE

Project PACE (Pursuing Academic & Career Excellence)/Talent Search is a federally funded TRIO program (U.S. Department of Education). The program supports and empowers first-generation individuals from disadvantaged backgrounds. Talent Search provides learning resources, promotes educational persistence in secondary education and fosters a culture of success and personal motivation that helps students to successfully graduate from high school and pursue higher education. The program supports Orange County Public Schools students who attend Wekiva High School, Piedmont Lakes Middle School and Lockhart Middle School. The program also provides services to adult learners (19-27) who have yet earned a secondary school diploma or a GED.

Project REACH

Project REACH (Reaching Every Academic and Career Horizon)/Talent Search is a federally funded TRIO program (U.S. Department of Education). The program supports and empowers first-generation individuals from disadvantaged backgrounds. Talent Search provides learning resources, promotes educational persistence in secondary education and fosters a culture of success and personal motivation that helps students to successfully graduate from high school and pursue higher education. The program supports Orange County Public Schools students who attend Colonial High School, Union Park Middle School, Roberto Clemente Middle School and Liberty Middle Schools. The program also provides services to adult learners (19-27) who have yet earned a secondary school diploma or a GED.

Project RISE

Project RISE (Reaching Individual & Scholastic Excellence)/Upward Bound is a federally funded TRIO program (U.S. Department of Education). The program supports and empowers first-generation individuals from disadvantaged backgrounds. Upward Bound provides learning resources, promotes educational persistence in secondary education and fosters a culture of success and personal motivation that helps students to successfully graduate from high school and pursue higher education. The program supports Orange County Public Schools students who attend East River High School.

· Social Justice and Advocacy (SJA)

Director: TBA

Student Union (STUN) 207

sja.sdes.ucf.edu

407-823-0401

sja@ucf.edu

Social Justice and Advocacy is responsible for providing oversight to the Multicultural Student Center and LGBTQ+ Services. The mission of SJA is to promote an equitable campus environment where all are assured that diversity, in its many forms, is valued. We support efforts to increase equal access to campus resources and opportunities while cultivating inclusiveness throughout the campus community. SJA advocates to decrease obstacles that prevent students from succeeding at UCF. SJA, MSC and LGBTQ+ Services provides programming and initiatives to advocate for a socially just campus community.

· Student Accessibility Services (SAS)

Executive Director: Adam Meyer

Ferrell Commons (FC-F) 185

sas.sdes.ucf.edu

407-823-2371

sas@ucf.edu

The Office of Student Accessibility Services facilitates campus access and reasonable accommodations for students

with disabilities. Such access may include, but are not limited to, classroom accommodations (including examination accommodations), alternative format text materials, captioning/interpreters, and information and referral to campus and community services. Reasonable accommodations are available to, but not limited to, students with ADHD, hearing and visual impairments, physical disability and/or health-related impairment, psychological and/or psychiatric disability, specific learning disability (such as dyslexia), speech impairment, or other disabilities. After admission to the university, students who want to explore reasonable academic accommodations should connect with SAS. Students can meet with a consultant in-person, by phone or via Skype. Students should not worry about having the "right" documentation at the time of the meeting. Any documentation needs can be discussed during the initial conversation. The most up-to-date initial contact procedures can be found at sas.ucf.edu. Students are encouraged to come to SAS and explore the possibilities and options without feeling a need to commit to utilizing any resources. The student determines how to proceed based on the information presented and personal preferences. All information is confidential and will be used only to coordinate accommodations with appropriate UCF personnel.

Inclusive Education Services (IES)

Ferrell Common (FC-C) 155

ies.sdes.ucf.edu

407-823-2371

ies@ucf.edu

The office of Inclusive Education Services provides an innovative and distinctive post-secondary educational experience to individuals with intellectual disabilities. The office facilitates meaningful immersive UCF community experiences for college students with intellectual disabilities via diverse academic, professional, personal, and social opportunities with the goal of advancing employability, independence, and life satisfaction. Students admitted to UCF through this initiative will enroll as non-matriculated students. Please contact IES directly for more information.

Student Financial Assistance (SFA)

Director: Alicia Keaton

Millican Hall (MH) 107

finaid.ucf.edu

407-823-2827

finaid@ucf.edu

The Office of Student Financial Assistance is dedicated to supporting UCF's mission and goals through the efficient delivery of student aid. The office provides UCF students with a comprehensive offering of financial assistance options to support student success and the attainment of a university degree. Financial aid guidance is available in a variety of formats including in-person, virtual, phone and email counseling services. More information on the types of financial aid available to students and financial aid policies can be found in the [Financial Aid Guide](#).

Student Government (SG)

Advisor: Shane Juntunen

Student Union (STUN) 346

studentgovernment.ucf.edu

407-823-3291

The Student Government's purpose is to represent student views on issues affecting UCF and to promote progressive changes that improve campus life. In advocating better communication and understanding among the UCF family, SG also provides numerous services that affect student life. These services include free printing, discount tickets to movie theaters and theme parks, legal services, recreational opportunities through the Recreation and Wellness Center and Sport Clubs Council, programming through the Campus Activities Board, Homecoming, Volunteer UCF, Late Knights, Multicultural Student Center, Knight-Thon, Knights of the RoundTable, and much more. Money allocated by SG for these services comes from Activity and Service Fees that students pay during registration. Additionally, registered student organizations may receive funding for events, activities, and travel to conventions. SG coordinates its efforts with the Florida Student Association in lobbying for students' rights at the local, state, and national levels. SG's structure is modeled closely after the United States federal government system in that it contains three branches: Executive, Legislative, and Judicial. The Executive branch, comprised of the Student Body president, vice president, and cabinet, and oversees the daily administrative operation of SG. The Legislative branch funds registered student organizations and also passes bills and resolutions benefiting the student body. The Judicial branch oversees and takes part in hearings concerning constitutional, legislative, and student rights issues. All students are encouraged to take an active role in SG. For information about how to become involved with SG, or how your student organization can receive funding, contact the SG office.

· Student Health Services (SHS)

Associate Vice President: *Michael Deichen, M.D., M.P.H.*

Health Center & Pharmacy (HC) 101

studenthealth.ucf.edu

407-823-2701

Student Health Services is a department within the UCF Academic Health Sciences Center. SHS has a very large out-patient clinic system that is committed to providing excellent healthcare to students and is accredited by the Accreditation Association for Ambulatory Health Care.

The student health center is located on the main campus, with satellite clinics located at UCF Downtown, the Rosen campus, and the Health Sciences Campus at Lake Nona.

Appointments are available both in-person and via telehealth for student convenience.

Services are designed with students' needs in mind. Staff includes sports medicine physicians, psychiatrists, gynecologists, dentists, primary care physicians, physician assistants, advanced practice registered nurses, dietitians, pharmacists, nurses, substance use disorder counselors, laboratory and radiography technicians.

The health fee is included in tuition and helps to offset medical costs. Students can see a health care provider with minimal out-of-pocket charges. Patients are financially responsible for items not covered by the health fee. These include access fees, clinical procedures, x-rays, laboratory services, medical equipment, prescriptions, non-prescription medications, vaccinations, dental services, and physical therapy. When charges occur students can elect to use their health insurance coverage or pay out-of-pocket. All students are asked to verify their health insurance at the time of an appointment.

SHS staff assist students with filing in-network insurance claims. If using out-of-network benefits SHS will provide the proper documentation and students are responsible for self-filing a claim with their insurance company. SHS assists with referrals to in-network community specialists or services.

The SHS Dental Center is housed within the main campus student health center and is a state-of-the-art facility offering preventative, restorative and cosmetic services. Charges are discounted for students. Services can be billed to PPO and Indemnity plans. Insurance benefits will be based on the coverages obtained by the subscriber.

The main campus student health center houses a fully functioning pharmacy that accepts prescriptions from both SHS providers and providers outside of SHS. SHS will assist students with transferring prescriptions from other pharmacies. SHS participates in over 100 different prescription plans.

When SHS is closed, any enrolled UCF student may call a free 24-hour nurse helpline. The nurse helpline phone number and other important resources are listed on the SHS website. For potentially serious or life-threatening conditions students should call 911.

· Student Legal Services (SLS)

Director and Associate General Counsel: *Patricia Dullaghan*

FC 142

sls.sdes.ucf.edu

407-823-2538

stulegal@ucf.edu

Student Legal Services provides students with advice and consultation, including court representation, in selected areas of law such as landlord/tenant disputes, consumer issues, wills, uncontested divorces, name changes, Chapter 7 Bankruptcies, traffic tickets, criminal cases including misdemeanors and felonies of third degree, and sealing and expunging of criminal records. Services are provided free of charge to students who are currently enrolled at UCF and paying activity and service fees; including those attending the regional campuses, Rosen College, and the College of Medicine. Students in need of legal services should contact the SLS office to schedule an appointment.

· Student Outreach Services (SOS)

Director: *Rhonda C. Hall*

UnionWest at Creative Village (UWCV) 105D

sos.sdes.ucf.edu

407-823-5580

outreach@ucf.edu

The primary mission of the Office of Student Outreach Services is to attract, motivate, and prepare underrepresented middle and high school students from the local area to pursue and complete a college education. Students and their families are offered a variety of opportunities and programs designed to assist in the navigation of the college admissions, financial assistance, and career preparedness processes. SOS is committed to partnering with the UCF community and other external agencies and organizations vital to providing quality programming for all of the participants.

· Student Union (SU)

Director: Rick Falco
Student Union (STUN) 312
studentunion.ucf.edu
407-823-3677
unionres@ucf.edu

The Student Union is the Heart of Campus and provides the campus community with a variety of meeting rooms, offices, programs, and services. The Union is home to a great variety of restaurants including Starbucks, Chili's, Smoothie King, Huey Magoo's, Panda Express, Steak N Shake, Which Wich and Qdoba. Retail stores include Knightstop Convenience Store and College Optical. Other services located in the Union include the SGA Ticket Office, SGA Computer Lab, Bike & Gold bike share and repair program, ATMs from Bank of America, Chase and Addition Financial. The Student Union also operates the Knights Helping Knights Food Pantry and All Knight Study at Ferrell Commons and the All Knight Study located at the UCF Arena. All Knight Study at the Arena is open 24/5 and Ferrell Commons location is open 24/7 (excluding holidays and semester breaks). The Union hours are Monday through Friday from 7 a.m.-1 a.m., Saturday from 9 a.m.-12 a.m. and Sunday from 11 a.m.-10 p.m. (excluding holidays and semester breaks). For information, call the Information Desk at 407-823-0001. The Student Union is funded by SGA.

· Undergraduate Admissions (UA)

Associate Vice President: Gordon Chavis, Jr.
Duke Energy University Welcome Center (UWC)
admissions.ucf.edu
407-823-3000
admission@ucf.edu

The Office of Undergraduate Admissions coordinates the admission and enrollment of all undergraduate first-time-in-college, transfer, non-degree, and non-Florida public institution transient students to UCF. The office's primary mission is to identify, recruit and enroll talented, diverse and academically qualified students who will contribute to and achieve growth and success at UCF.

Office hours are: Mondays and Thursdays from 9 a.m.-6 p.m.; and Tuesdays, Wednesdays and Fridays from 9 a.m.-5 p.m.

· Veterans Academic Resource Center (VARC)

Addition Financial Arena (ARNA) 4202
varc.sdes.ucf.edu
407-823-2707
varc@ucf.edu

The Veterans Academic Resource Center, or VARC, is the one-stop solution for your needs as a student veteran. We provide lobby/lounge area, dedicated professional staff, and study space, as well as programs and events designed specifically for student veterans' needs. We also offer limited services for our active duty, dependent, and other military affiliated students. The VARC is located at the UCF Knights Plaza/Addition Financial Arena and is open Monday through Friday from 9:00 a.m. to 5:00 p.m., excluding university closures and holidays.

The goals of the Student Resource Specialists and the Veterans Academic Resource Center overall, are to: Ensure that you understand and have access to all of the available resources, on and off-campus; Help you succeed by providing study spaces and support from peers and staff; Help UCF faculty and staff understand your unique needs as a student veteran; Provide you with the tools you need to stay on track and finish your degree.

Another component of the VARC is Veteran Services. The VARC's School Certifying Officials (SCOs) provides assistance to all veteran students and eligible dependents who are using VA educational benefits. The office offers information and direction concerning entitlements, filing claims to the Department of Veterans Affairs, certifying enrollment at the university each term to receive VA educational benefits, and deferring tuition and fee payments. Consult the VARC early in the admissions process regarding necessary paperwork to start using your benefits.

For students using Post 9/11 GI Bill® (Chapter 33) and VA Vocational Rehabilitation and Employment (Chapter 31), our tuition policy complies with 38 USC 3679(e) which means Post 9/11 and Vocational Rehabilitation and Employment students will not be charged or otherwise penalized due to a delay in VA tuition and fee payments. For eligibility consideration, anyone using Post 9/11 GI Bill benefits must submit a VA Certificate of Eligibility (COE), proof of application for these benefits (confirmation number from VA), or a 22-1995, 22-5495 or proof of submission of these documents to the VA (confirmation numbers). Please consult with VARC staff, or visit the varc.sdes.ucf.edu, for information on what forms you personally will need. Any Veteran using Vocational Rehabilitation (Chapter 31), will need confirmation from their Vocational Rehabilitation Counselor, or a copy of their Authorization/PO# from their counselor. Please see 38 USC 3679(e) for complete details.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government website at www.benefits.va.gov/gibill. To maintain eligibility for VA education benefits, students must adhere to the policies and procedures for VA educational benefits as noted on the GI Bill website (<http://www.benefits.va.gov/gibill>).

UCF, being a member of SOC (Service Members Opportunity College), provides credit for various military training and education. Credit is awarded only for accredited schools and courses recognized by UCF. Transfer credit is awarded per the recommendations of the American Council on Education (ACE) Guide, based upon courses and/or training listed on the DD Form 214, SMARTS, ARTS, or other official military record. U.S. Air Force veterans must coordinate with the Community College of the Air Force to provide official CCAF transcripts to the Office of Undergraduate Admissions. Transfer credit is awarded per the recommendations of the American Council on Education (ACE) Guide, based upon courses and/or training listed on the Joint Services Transcripts [<https://jst.doded.mil/>]. U.S. Air Force veterans must coordinate with the Community College of the Air Force to provide official CCAF transcripts to the Office of Undergraduate Admissions.

Students eligible for VA educational benefits are also be eligible for a VA deferral of tuition and fees. The VA Deferment due date is contained in the Academic Calendar (calendar.ucf.edu). Students are ultimately responsible for their Tuition and Fees, and will incur a \$100 late fee if tuition and fees are not paid by the Deferral Due Date.

Undergraduates in Fall and Spring, must carry at least 12 credits to be considered Full-time; 9-11 credit hours to be considered $\frac{3}{4}$ time, and 6-8 credits to be considered $\frac{1}{2}$ time. For Chapters 30, 35, and 1606, students will receive benefits paid directly to them, based on their status. Five credits or less, will be reimbursed at the cost of the tuition and fees. Post 9/11 (Chapter 33) recipients will receive a tuition and fees paid to UCF dependent on their eligibility, and a housing allowance based on their status. However, to receive ANY housing allowance, a student using Chapter 33 benefits must be considered MORE THAN half time, meaning 7-8 credits. Please check with the VARC staff for clarification or more information regarding this subject. Please check the VARC website for Summer Term course load facts and information.

Students currently enrolled at UCF and another institution may receive VA educational benefits, after completing the appropriate Transient Form and consulting with the VARC. Veterans and eligible dependents who desire to change their major, or pursue a dual major, dual degree, or add a minor may receive VA educational benefits but must obtain approval from DVA before taking any of the applicable courses. This includes a minor in military science.
Note: Some majors may have extra elective hours that can be used for courses for a minor or another major.

Benefits will be terminated for individuals who are disqualified, excluded, suspended, or expelled from the university. If reinstated by the university following disqualification or suspension, the veteran or eligible dependent

must contact the VARC to have their VA educational benefits re-activated.

Veterans and eligible dependents also may draw VA benefits during the periods of eligibility while on Cooperative Education assignments. Payment is received during both the on-campus and off-campus work terms. Contact the VARC for more specific benefit information on Cooperative Education.

UCF is designated as a VA "Yellow Ribbon" institution. Yellow Ribbon funds can only be used in conjunction with the Post 9/11 GI Bill, and to help defray the out-of-state tuition. Please go to varc.sdes.ucf.edu/benefits-programs for more information.

The C.W. Bill Young Veteran Tuition Waiver Program is available to any honorably discharged veteran of the U.S. Armed Forces, U.S. Reserve Forces, or the National Guard who is not considered a Florida resident for tuition purposes but who resides in Florida while attending UCF. This waiver may also be used by eligible dependents who are using GI bill benefits that the veteran transferred to them. Please go to varc.sdes.ucf.edu/benefits for more information and application requirements.

Division of Student Learning and Academic Success

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- [University Testing Center \(UTC\)](#)

***Vice Provost of Student Learning and Academic Success and
Dean, College of Undergraduate Studies: Theodorea Regina Berry***

Millican Hall (MH) Room 210

academicsuccess.ucf.edu

407-823-2373

· Introduction

The new Division of Student Learning and Academic Success will focus on providing services that will help students to know more and do more. We are enthusiastic about our future as we move to maximize the dynamic and vibrant resources within the division and the college. In doing so, we are building a brighter future for current and future Knights who will continue to contribute much to our society — locally, regionally, nationally, and globally.

· Academic Advancement Programs

Director: Michael Aldarondo-Jeffries

aap.ucf.edu

407-823-0101

Academic Advancement Programs (AAP) prepares UCF students — particularly underrepresented, low-income and first-generation college students — to pursue graduate school. AAP works in collaboration with faculty, staff, local and national partners to provide a range of graduate school preparation programs and services. Students have the

opportunity to participate in a variety of initiatives designed to increase their awareness and knowledge of the graduate school application process, graduate funding, summer research programs and fellowship opportunities.

· EXCEL

Director: *Melissa Dagley*

excel.ucf.edu

407- 823-6230

EXCEL strives to increase the number of students receiving baccalaureate degrees in STEM disciplines from UCF. The program enhances EXCEL students' experiences during the first two years of college through improved student learning in math and science courses, block housing shared by STEM-focused students, a tutoring center, and early engagement in research experiences. EXCEL participants also work in cohorts, making it easy for them to team up with study partners in required courses that may have several hundred students.

· Experiential Learning

Director: *Quynh Dao Dang*

explearning.ucf.edu

407-823-5000

Experiential Learning (EL) provides students with the opportunity to apply what they are learning in the classroom to real-world settings. In collaboration with UCF colleges and faculty, employers and community leaders, EL prepares students for academic and career success through experiential learning courses such as internships, co-ops and service-learning opportunities. Through these experiences, students gain essential skills, such as leadership, communication and critical thinking.

· Knights Major Exploration and Transition Center

Knights Major Exploration and Transition Center

Director: *Stephen O'Connell*

Trevor Colbourn Hall (TCH) 133

Academicsuccess.ucf.edu/kmetc

407-823-3165

kmetc@ucf.edu

The Knights Major Exploration and Transition Center (KMETC) is an advising office and resource for all undeclared and major exploring undergraduate students. Advisors and coaches help students explore and select areas of study that suit their academic interests and post-graduation plans. Once students choose a degree program, the team connects them with the appropriate college advising office. KMETC advisors and coaches will continue to serve as a resource office for students throughout their academic career. Additionally, they help undergraduates acquire skills to transition to a university setting and connect them with university resources.

· Office of Data and Strategic Projects

Director: TBA

Trevor Colburn Hall (TCH) 133

academicsuccess.ucf.edu/dsp/

407-823-6239

studentsuccess@ucf.edu

The Office of Data and Strategic Projects provides guidance and support to key stakeholders to ensure student retention, graduation, and success. To achieve the UCF Collective Impact, DSP facilitates data-driven decision-making, cultivates partnerships to amplify impact, and embraces UCF's innovative identity as a 21st century university.

· Pre-Health and Pre-Law Advising

Director: Erin Myszkowski

phpladvising.ucf.edu

407-823-0101

Pre-Health and Pre-Law Advising (PHPL Advising) guides and supports students interested in pursuing careers in the health and legal professions. These courses of study are beyond a baccalaureate degree and take place in professional school settings such as law school, medical school, dental school, pharmacy school, veterinary school, optometry school, podiatry school, chiropractic school, physician assistant programs, physical therapy programs, occupational therapy programs and public health programs. PHPL advisors guide students through the multiple aspects of their preparation and application with the ultimate goal of helping them become a competitive professional school applicant.

Registrar's Office (RO)

University Registrar: Brian C. Boyd

Millican Hall (MH) 161

registrar.ucf.edu

407-823-3100

registrar@ucf.edu

The Registrar's Office, with a commitment to quality service and leading-edge technology, provides timely and accurate enrollment information and access for students, colleges and departments, effectively meets student administrative needs, ensures complete records management from registration through graduation and archived data stores. The office maintains the integrity of student permanent academic records and implements procedures in accordance with university policies through campus-wide communication, collaboration, and leadership. In addition, the Registrar's Office is responsible for management of efficient utilization of classroom resources, readmission, transient student admission, residency reclassifications, NCAA Division I initial and continuing eligibility, the Knights Graduation Grant Initiative, Commencement, and publication of course offerings, Commencement programs, and the online *Undergraduate Catalog*.

The Registrar's Office upholds State of Florida and UCF policies and regulations regarding the academic record changes of undergraduate students, the degree audit program and the university-wide undergraduate graduation requirements.

The office reviews petitions for academic record changes such as medical withdrawals, late adds/drops, late withdrawals, and college petitions for waivers of UCF degree requirements. Academic Services administers the myKnight Audit for undergraduate degree programs. Additionally, it reviews lower level transfer credit for satisfaction of General Education requirements, Gordon Rule writing and foreign language proficiency requirements.

Residency Reclassification

The offices of Undergraduate Admissions and the College of Graduate Studies determine first term at UCF residency for tuition purposes for all newly admitted undergraduate and graduate students. Thereafter, the Registrar's Office will review student requests for changes in residency for undergraduate students. The College of Graduate Studies will review student requests for changes in residency for graduate students. The Registrar's Office does not review student requests for residency reclassification to be effective with the student's first term of enrollment, only for subsequent terms.

To request an undergraduate residency review, the student must submit a completed "Residency Reclassification Application and Affidavit" and all supporting documents to ResidencyReview@ucf.edu. This form is available online at <https://registrar.ucf.edu/residency-reclassification/>. This form must be accompanied by copies of all documents that support the student's Florida residency claim. Residency reclassification requests are subject to Florida Statute 1009.21, F.S., State Board of Education, Rules 6A-10.044 & 6A-20.003, and Board of Governors regulation 7.005. In addition, University policy requires students requesting residency reclassification to provide documentation establishing that they have income or personal sources to meet the financial obligations of attendance and living expenses. Contact the Registrar's Office at 407-823-3100 or ResidencyReview@ucf.edu for additional information regarding all residency reclassification requirements.

When building a case for Florida residency for tuition purposes, the student must submit documents from a variety of categories. Students may consult the Registrar's Office before submitting the reclassification request and supporting documents. The submission of documents in itself does not qualify the student for Florida residency for tuition purposes. The Registrar's Office will evaluate all submitted documents and available information and will

render an eligibility determination. No single document shall be conclusive.

When seeking residency reclassification, students should understand that merely living in or attending college in the state of Florida *does not* automatically establish residency for tuition purposes in Florida. The student who comes to Florida to enroll in a Florida post-secondary educational institution as an out-of-state resident and continuously enrolls in a Florida institution normally will not meet the Florida residency requirement for in-state tuition regardless of the length of time enrolled. Living or attending a post-secondary educational institution in Florida merely evidences physical presence. The student must provide documentation verifying that he or she has formed significant legal ties to the State of Florida. This documentation must establish that the Florida residence constitutes a bona fide domicile rather than serving the purpose of maintaining a mere temporary residence or abode, incident to enrollment in an institution of higher education. Evidence establishing legal ties to states other than Florida may disqualify the student from Florida residency for tuition purposes. All determinative documents must be dated at least 12 months before the first day of class for the term in which residency is sought.

Undergraduate students entering the second term of enrollment at UCF or later who believe that they qualify for Florida residency must submit the "Residency Reclassification Application and Affidavit" and all documents to ResidencyReview@ucf.edu. The absolute deadline for this Application and ALL COPIES accompanying documentation proving Florida residency for tuition purposes is one week (7 calendar days) before the first day of classes for the semester in which the student seeks reclassification. Please refer to the [Academic Calendar](#) for specific dates. Approved residency reclassification will not be applied retroactively to previous terms.

The Registrar's Office may require additional documentation beyond that initially submitted by the undergraduate student (or the claimant) before it can render a reclassification eligibility determination and it will not complete its review of the residency reclassification application until both the student and the claimant have submitted all requested documents.

All readmitted undergraduate students are required to submit copies of documents (more may be requested) such as driver's license, vehicle registration, and/or voter registration, to verify that they qualify and to update residency information on file. Requests for proof of residency for UCF undergraduate students looking to transfer or become transient students at another institution must be submitted to ResidencyReview@ucf.edu.

UCF is authorized to make discretionary judgments as to residency within the bounds of the law and in reaching this professional judgment will evaluate all documents submitted and information available. Students who feel an erroneous decision was made regarding their residency reclassification may request an appeal in writing to the UCF Residency Appeals Committee through the Registrar's Office.

Student Academic Resource Center (SARC)

Director: *Rebecca Piety*

Trevor Colburn Hall (TCH) 117

academicsuccess.ucf.edu/sarc/

407-823-5130

sarc@ucf.edu

The Student Academic Resource Center (SARC) provides high-quality programs and services that enable UCF students to achieve their academic goals. Programs include Supplemental Instruction (SI), Peer Tutoring, Academic Coaching and Engagement (ACE), and Academic Success Workshops.

Supplemental Instruction (SI) provides a series of weekly study sessions for students taking historically difficult courses. SI leaders attend class lectures and provide interactive study groups to help students develop effective ways to learn the course material, helping them succeed on the course and become independent learners.

SARC provides free small group and one-on-one peer tutoring to students enrolled in undergraduate courses associated with the current UCF semester's schedule. Peer tutoring sessions include Accounting, Statistics, Biology, Chemistry, Organic Chemistry, Physics and Human Physiology. Group peer tutoring is drop-in and no appointment is necessary. One-on-one tutoring is scheduled, and students can learn how to make an appointment through SARC's website. Students should refer to SARC's website for the semester schedules for both SI and tutoring.

The Academic Coaching and Engagement (ACE) program facilitates academic success among UCF students by providing one-on-one, ongoing peer coaching. Academic coaches help students develop important academic and life skills such as organization, time management, study skills, and goal setting, which are necessary to ensure satisfactory academic progress. Students can also get tips on how to be successful in an online course, including navigating Webcourses and understanding course modalities. ACE coaches are available to meet with students

regularly throughout the semester to check in on their progress, stay accountable for the goals and action plans devised in previous sessions, and become more engaged in campus life. Academic Success Workshops are designed to enhance common study skills such as test-taking strategies, time management, and motivation. SARC also offers study skills assessments and online resources available 24/7 to help students become successful at the college level.

UCF Abroad

Interim Director: Wayne Bowen

studyabroad.ucf.edu

407-882-2300

UCF Abroad provides access to high impact, international experiences for students interested in studying or interning outside the United States as a portion of their degree program. UCF Abroad participants are exposed to new environments, new customs, and in many cases new languages in an effort to broaden their perspectives and develop the skills necessary to set them apart in the global workplace. Self-discovery, self-confidence and cultural awareness are a few of the additional benefits to studying abroad. UCF Abroad offers a comprehensive portfolio of programs to accommodate all areas of study and a broad spectrum of student budgets.

UCF Connect

connect.ucf.edu

UCF Connect, which is part of the Division of Student Learning and Academic Success, is a partnership-driven unit designed to strategically support transfer student success through its DirectConnect to UCF® and new Transfer Connect programs. The team extends UCF's reach to communities in and beyond Central Florida by providing access to quality higher education for students who might not otherwise have the opportunity to pursue educational opportunities because of time, distance, preference, or life circumstances. UCF Success Coaches are available in UCF Connect locations providing comprehensive support to prospective and current transfer students, from first contact all the way through to graduation at UCF.

The Central Florida Higher Education Consortium, branded as DirectConnect to UCF®, is a unique partnership between UCF and College of Central Florida, Daytona State College, Eastern Florida State College, Lake-Sumter State College, Seminole State College, and Valencia College. This agreement provides entry for A.A. and A.S. graduates to UCF as an enhancement to the Florida state-mandated 2 + 2 agreement. Students entering UCF as a DirectConnect to UCF student are admitted according to the UCF policies when A.A. or A.S. degrees are awarded.

The new Transfer Connect program supports transfer students from non-partner institutions. From enrollment to graduation, the program provides these students with academic guidance and resources. Transfer Students will also have access to the Transfer Center, a hub where students can obtain information, receive advice about transitioning to UCF, and interact with fellow transfer students.

UCF Connect offers an opportunity to complete a number of programs through the UCF Connect Centers. Strategically located within an 80-mile radius of the UCF Orlando campus, the UCF Connect Centers partner with the six DirectConnect to UCF state colleges, fostering seamless and convenient advancement from completion of an A.A. or A.S. degree to upper-level division work on a baccalaureate degree. With close proximity to Orlando, resources are available at UCF and the UCF Connect Centers, such as admissions, registration, financial aid, advising, student clubs and organizations, accessibility services, veteran's affairs, "smart classrooms," libraries, computer labs, and more. Accessible academic programs vary by location. For the most current information on any of the UCF Connect Centers, check the website at connect.ucf.edu.

For online programs, visit ucf.edu/online.

UCF Connect Administration

Vice Provost for Student Learning and Academic Success and Dean of the College of Undergraduate Studies: Theodorea Regina Berry

UCF Connect Associate Vice Provost: Pam Cavanaugh

12201 Research Parkway, Suite 101

Orlando, 32826

407-823-4547

UCF Altamonte Springs (in partnership with Seminole State College)

Executive Director: Tanya Armstrong

850 S. State Road 434
Altamonte Springs, FL 32714
407-404-6089

The following Undergraduate Degree Programs can be completed through combined face-to-face and online courses at this location:

- Nursing (Concurrent)

UCF Cocoa (in partnership with Eastern Florida State College)

Executive Director: Lauren Miller

1519 Clearlake Road, Building 3
Cocoa, FL 32922
321-433-7821

The following Undergraduate Degree Programs can be completed through combined face-to-face and online courses at this location:

- Elementary Education (B.S.)
- Nursing (B.S.N.).

UCF Daytona Beach (in partnership with Daytona State College)

Executive Director: Lauren Miller

1200 W. International Speedway Blvd.
Daytona Beach, FL 32114
386-506-4021

The following Undergraduate Degree Programs can be completed through combined face-to-face and online courses at this location:

- Nursing (B.S.N.)
- Photography (B.S.)

UCF Leesburg (in partnership with Lake-Sumter State College)

Executive Director: Tanya Armstrong

9501 U.S. Highway 441
Leesburg, FL 34788
352-536-2113

UCF Ocala (in partnership with College of Central Florida)

Executive Director: Tanya Armstrong

3001 SW College Road, Building 40 (Ewer Center)
Ocala, FL 34474
352-854-2322, ext. 1824

UCF Palm Bay (in partnership with Eastern Florida State College)

Executive Director: Lauren Miller

250 Community College Parkway, Building 3
Palm Bay, FL 32909
321-433-7838

UCF Sanford/Lake Mary (in partnership with Seminole State College)

Executive Director: Tanya Armstrong

100 Weldon Boulevard
Sanford, FL 32773
407-708-2471

The following Undergraduate Degree Programs can be completed through combined face-to-face and online courses at this location:

- Clinical Psychology (M.A.)
- Psychology (B.S.)

UCF South Lake/Clermont (in partnership with Lake-Sumter State College)

Executive Director: Tanya Armstrong

1250 N. Hancock Road, Building 2

Clermont, FL 34711

352-536-2113

The following Undergraduate Degree Programs can be completed through combined face-to-face and online courses at this location:

- Elementary Education (B.S.)

UCF Valencia East (in partnership with Valencia College)

Assistant Vice Provost: Kimberly Hardy

701 N. Econlockhatchee Trail, Building 1, Room 265

Orlando, FL 32825

407-582-2318

The following undergraduate degree programs offer occasional face-to-face courses at this location:

- Integrated Business* (B.S.B.A.)

**Selected courses will require attendance at the UCF Orlando campus.*

UCF Valencia Osceola (in partnership with Valencia College)

Assistant Vice Provost: Kimberly Hardy

1800 Denn John Lane, Building 4, Room 234

Kissimmee, FL 34744

321-682-4190

The following Undergraduate Degree Programs can be completed through combined face-to-face and online courses at this location:

- Biomedical Sciences (B.S.)
- Elementary Education (B.S.)
- Integrated Business* (B.S.B.A.)
- Psychology (B.S.)
- Public Administration (B.A.)

**Selected courses will require attendance at the UCF Orlando campus.*

UCF Valencia School of Public Safety (in partnership with Valencia College)

Assistant Vice Provost: Kimberly Hardy

8600 Valencia College Lane

Orlando, FL 32825

407-582-2318

The following programs offer occasional face-to-face courses at this location:

- Criminal Justice (M.S.)

UCF Valencia West (in partnership with Valencia College)

Assistant Vice Provost: Kimberly Hardy

1800 S. Kirkman Road, Building 11, Suite 104

Orlando, FL 32811

407-582-5500

The following Undergraduate Degree Programs can be completed through combined face-to-face and online courses

at this location:

- Architecture (B.D.)
- Electrical Engineering (3rd year) (B.S.E.E.)
- Elementary Education (B.S.)
- Integrated Business* (B.S.B.A.)
- Nursing (Concurrent)
- Psychology (B.S.)

**Selected courses will require attendance at the UCF Orlando campus.*

· Undergraduate Research

Assistant Dean and Director: *Kimberly Schneider*

our.ucf.edu

407-823-0101

The Office of Undergraduate Research (OUR) provides students with the opportunity to engage in academic research, scholarship and creative work. Working closely with faculty, these students gain knowledge and build skills, such as critical thinking, communication and problem-solving. This experience prepares them for success in graduate and their career. For students interested in research, OUR provides peer mentoring, a "How-To" workshop series, and structured courses. They also have the opportunity to present their work at an annual on-campus research showcase and publish in the *Pegasus Review*, UCF's Undergraduate Research Journal.

· University Testing Center (UTC)

Director: *Rebecca Piety*

Howard Phillips Hall (HPH) 106

utc.sdes.ucf.edu

407-823-5109

utc@ucf.edu

The University Testing Center (UTC) is part of the Division of Student Learning and Academic Success. It administers exams, including entrance, placement, academic, certification and licensure, distance learning, and pre-employment exams for numerous agencies, businesses, and institutions. UTC also provides institutional, state, and national standardized testing services for UCF students, non-UCF students, and the community. UTC works with the Office of Student Accessibility Services to provide accommodations for students with disabilities.

Special Academic Programs and Research Institutes

- [UCF Global](#)
- [UCF Continuing Education](#)
- [Division of Student Learning and Academic Success](#)
- [Institutes and Centers for Research](#)

· UCF Global

Senior Associate Provost: *Timothy Letzring*

Associate Vice President: *Nataly Chandia*

UCF Global

4356 Scorpius St.

Orlando, FL 32816-0130

global.ucf.edu

407-883-2337

Fax: 407-823-2526

UCF Global is the organizational division on campus dedicated to international outreach and opportunity. Its quest is to transform lives by providing access to high impact, international experiences across the UCF and global

community and to serve as a model of excellence for innovation, partnership, and services. This is accomplished through the administration of our English language programs along with multiple compliance units offering support services to international students, faculty, and staff.

Additionally, UCF Global facilitates compliance with federal immigration regulations and provides immigration advising and assistance to the international students and scholars at the University of Central Florida. UCF Global also works with UCF departments to facilitate the hiring of international faculty and staff, process H-1B employment visas, and ensure tax compliance on payments made to international vendors.

Support is provided to the international population on campus in its adjustment to a new academic and cultural environment by providing a wide range of services and programming. Services include admissions guidance, interpreting immigration regulations, explaining employment options, issuing travel authorization signatures, and end of year tax filing guidance. Programming includes orientation, welcome week activities, employment and tax workshops, holiday celebrations, and International Education Week events. From orientation to graduation, UCF Global strives to enhance the overall educational experience at UCF for its international students and scholars and to increase cultural awareness and understanding on campus.

Intensive English Program

global.ucf.edu/IEP

Since 1987, the Intensive English Program (IEP) has served as a home away from home for thousands of international students who want to study English in the United States. People from all over the world join the IEP because of the high-quality intensive English curriculum, a world-famous location, and high-impact cultural experiences. Students gain the English skills necessary to communicate and operate in the United States. During their time here, they connect with a diverse community of international students in a beautiful American city. After completing their studies, students continue onward by pursuing higher education at UCF and advancing in their careers with a strong command of the English language.

The Intensive English Program is a course of study designed to improve the English language skills of prospective undergraduate or graduate students at UCF. UCF Global also hosts non-academically bound individuals interested in improving their English skills for personal or professional development. This program includes Grammar, Reading, Writing, Communication Skills, and elective courses including English testing preparation.

Online English Program

global.ucf.edu/OEP

The Online English Program (OEP) is modeled after UCF Global's highly successful and well known Intensive English Program. The OEP offers a high-impact curriculum with academic and vocational content created to meet learner needs, and enhance language acquisition in core language subjects. This self-paced innovative online curriculum allows for students seeking an excellent education from a distance to have the same experiences as those on campus, but with more flexibility. Each session, students will engage in combined courses addressing six language skills: Reading, writing, grammar, listening, speaking, and pronunciation. Students also benefit from participation in one-on-one conferences with instructors two times per week. This program is designed to enhance personal development while allowing a more affordable learning option.

Pathway Programs

global.ucf.edu/pathways

UCF Global's Pathway programs combine intensive English studies with undergraduate courses, providing access for students planning to pursue a degree at UCF. Students are immersed into English-language learning while completing undergraduate courses.

This experience is personalized by individual student needs, and provides tailored coursework based on area of study and priority access to academic courses with dedicated sections. Additionally, students can easily adjust to life in the U.S. with UCF Global's academic tutoring, career and personal support from trained advisors, and cultural events.

UCF Global offers three unique programs designed to cater to individual student skill sets and help them reach their fullest potential. A placement test will determine which level is best suited for each student.

- UCF Global Achievement Academy III (3 terms) is recommended for students wanting intensive English-language learning while completing academic courses.

- UCF Global Achievement Academy II (2 terms) is recommended for students who want some English-language support while completing academic courses.
- UCF Global Achievement Academy UI (2 terms) is recommended for high-achieving students seeking assistance with academic and cultural transition.

We want you to enjoy all that America's second largest university has to offer. If you or someone you know would like to get involved with UCF Global, please email ucfglobal@ucf.edu or call 407-823-2337.

· UCF Continuing Education

Executive Director: A. Sean Armstrong

Digital Learning Center

12351 Research Parkway, Suite 113

Orlando, FL 32826

ce.ucf.edu

407-882-0260

Fax: 407-882-0266

UCF Continuing Education provides credit and non-credit programs that connect the university's resources with our community to support the re-education, up-skilling, training, professional development and personal growth of professionals and private citizens across the state, region and nation. Continuing Education partners with the academic, business and professional communities in Central Florida and beyond to provide clients with distinctive, high-quality and cost-effective educational programs and services, with a dedication to the highest standards of customer satisfaction.

UCF Continuing Education Credit Programs

ce.ucf.edu/Category/Degree-Programs

Self-supporting Degree Programs

UCF Continuing Education Self-supporting Programs are graduate degree programs offered in partnership with UCF colleges and departments to address post-professional workforce demand. Tuition and fees are based on the actual cost of program administration. Programs may be offered online or at a location that does not utilize state funding. Funding is based on the revenues collected. Programs receive approval from the UCF Board of Trustees. Students enrolled are provided ongoing support by personal success coaches. These programs include, [Master of Nonprofit Management Online](#), [Master of Research Administration](#), [M.S. in Data Analytics](#) and [M.S. in Healthcare Systems Engineering](#), as well as graduate certificate programs in [Health Information Administration](#) and [Research Administration](#).

Market-rate Degree Programs

UCF Continuing Education Market Tuition Rate programs are fully self-supporting graduate degree programs offered in partnership with UCF colleges and departments and are driven by market needs. These programs, which include [M.S. in Healthcare Informatics](#), [Executive Master of Health Administration](#), [Master of Social Work](#) and [M.S. in Professional Engineering Management](#), are operated as stand-alone programs or cohorts offered fully online or at a location not utilizing state funding. Tuition cost is based on the market rate of similar programs nationwide. Programs receive approval from the UCF Board of Trustees and the Florida Board of Governors. State funds are not used to facilitate these programs. Funding is based on the revenues collected. Students in these programs receive individual support from personal success coaches.

UCF Continuing Education Non-Credit Programs

UCF Continuing Education offers a wide variety of [services](#) to support conferences, meetings, camps and events for students, working professionals, jobseekers and domestic and international businesses, as well as local, state and federal governments. Our custom and corporate [training](#) programs, which are available in person or online, are individually tailored to enhance professional skillsets at all levels while increasing individual and workforce effectiveness. Training programs include management and leadership development, negotiation, change management, emotional intelligence, strategic planning, teambuilding, project management and other relevant topics.

· Division of Student Learning and Academic Success

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- [University Testing Center \(UTC\)](#)

***Vice Provost of Student Learning and Academic Success and
Dean, College of Undergraduate Studies: Theodorea Regina Berry***
 MH 210; 407-823-2373
academicsuccess.ucf.edu/

Introduction

Student Learning and Academic Success strives to help undergraduate students achieve timely graduation and be successful, productive, and impactful in making the world a better place. We strengthen the links between academics and student success by serving as undergraduates' go-to source for advising, academic support resources, and high-impact practices.

Undergraduates are at the heart of all that we do. We're here to support you from orientation to graduation. We'll help you explore majors, register for classes, develop study skills, prepare for graduate school, participate in internships and undergraduate research, and declare your intent to graduate.

The division also includes UCF Connect and its nationally recognized program [DirectConnect to UCF](#), that guarantees admission to students who have earned an associate degree or articulated degree from one of six partner state colleges.

Student Learning and Academic Success is dedicated to helping every Knight know more, do more, and be more.

Academic Advancement Programs

Director: Michael Aldarondo-Jeffries

Trevor Colbourn Hall (TCH) 205

407-823-0101

academicsuccess.ucf.edu/aap

Academic Advancement Programs (AAP) prepares UCF students — particularly underrepresented, low-income and first-generation college students — to pursue graduate school. AAP works in collaboration with faculty, staff, local and national partners to provide a range of graduate school preparation programs and services. Students have the opportunity to participate in a variety of initiatives designed to increase their awareness and knowledge of the graduate school application process, graduate funding, summer research programs and fellowship opportunities.

EXCEL

Director: Melissa Dagley

Mathematical Sciences Building (MSB) 230

407- 823-6230

excel.ucf.edu

EXCEL strives to increase the number of students receiving baccalaureate degrees in STEM disciplines from UCF. The program enhances EXCEL students' experiences during the first two years of college through improved student learning in math and science courses, block housing shared by STEM-focused students, a tutoring center, and early engagement in research experiences. EXCEL participants also work in cohorts, making it easy for them to team up with study partners in required courses that may have several hundred students.

Experiential Learning

Director: *Quynh Dao Dang*

Career Services and Experiential Learning (CSEL) 300

407-823-2667

academicsuccess.ucf.edu/[explearning](https://academicsuccess.ucf.edu/explearning)

Experiential Learning (EL) provides students with the opportunity to apply what they are learning in the classroom to real-world settings. In collaboration with UCF colleges and faculty, employers and community leaders, EL prepares students for academic and career success through experiential learning courses such as internships, co-ops and service-learning opportunities. Through these experiences, students gain essential skills, such as leadership, communication and critical thinking.

Knights Major Exploration and Transition Center

Director: *Stephen O'Connell*

Trevor Colbourn Hall (TCH) 133

407-823-3165

Email: kmetc@ucf.edu

academicsuccess.ucf.edu/kmetc

The Knights Major Exploration and Transition Center (KMETC) is an advising office and resource for all undeclared and major exploring undergraduate students. Advisors and coaches help students explore and select areas of study that suit their academic interests and post-graduation plans. Once students choose a degree program, the team connects them with the appropriate college advising office. KMETC advisors and coaches will continue to serve as a resource office for students throughout their academic career. Additionally, they help undergraduates acquire skills to transition to a university setting and connect them with university resources.

Pre-Health and Pre-Law Advising

Director: *Erin Myszkowski*

Trevor Colbourn Hall (TCH) 133

407-823-0101

academicsuccess.ucf.edu/phpladvising

Pre-Health and Pre-Law Advising (PHPL Advising) guides and supports students interested in pursuing careers in the health and legal professions. These courses of study are beyond a baccalaureate degree and take place in professional school settings such as law school, medical school, dental school, pharmacy school, veterinary school, optometry school, podiatry school, chiropractic school, physician assistant programs, physical therapy programs, occupational therapy programs and public health programs. PHPL advisors guide students through the multiple aspects of their preparation and application with the ultimate goal of helping them become a competitive professional school applicant.

Registrar's Office (RO)

University Registrar: *Brian C. Boyd*

MH 161; 407-823-3100

Email: registrar@ucf.edu

registrar.ucf.edu

The Registrar's Office, with a commitment to quality service and leading-edge technology, provides timely and accurate enrollment information and access for students, colleges and departments, effectively meets student administrative needs, ensures complete records management from registration through graduation and archived data stores. The office maintains the integrity of student permanent academic records and implements procedures in accordance with university policies through campus-wide communication, collaboration, and leadership. In addition, the Registrar's Office is responsible for management of efficient utilization of classroom resources, readmission, transient student admission, residency reclassifications, NCAA Division I initial and continuing eligibility, the Knights Graduation Grant Initiative, Commencement, and publication of course offerings, Commencement programs, and the online *Undergraduate Catalog*.

The Registrar's Office upholds State of Florida and UCF policies and regulations regarding the academic record changes of undergraduate students, the degree audit program and the university-wide undergraduate graduation

requirements.

The office reviews petitions for academic record changes such as medical withdrawals, late adds/drops, late withdrawals, and college petitions for waivers of UCF degree requirements. Academic Services administers the myKnight Audit for undergraduate degree programs. Additionally, it reviews lower level transfer credit for satisfaction of General Education requirements, Gordon Rule writing and foreign language proficiency requirements.

Residency Reclassification

The offices of Undergraduate Admissions and the College of Graduate Studies determine first term at UCF residency for tuition purposes for all newly admitted undergraduate and graduate students. Thereafter, the Registrar's Office will review student requests for changes in residency for undergraduate students. The College of Graduate Studies will review student requests for changes in residency for graduate students. The Registrar's Office does not review student requests for residency reclassification to be effective with the student's first term of enrollment, only for subsequent terms.

To request an undergraduate residency review, the student must submit a completed "Residency Reclassification Application and Affidavit" and all supporting documents to ResidencyReview@ucf.edu. This form is available online at <https://registrar.ucf.edu/residency-reclassification/>. This form must be accompanied by copies of all documents that support the student's Florida residency claim. Residency reclassification requests are subject to Florida Statute 1009.21, F.S., State Board of Education, Rules 6A-10.044 & 6A-20.003, and Board of Governors regulation 7.005. In addition, University policy requires students requesting residency reclassification to provide documentation establishing that they have income or personal sources to meet the financial obligations of attendance and living expenses. Contact the Registrar's Office at 407-823-3100 or ResidencyReview@ucf.edu for additional information regarding all residency reclassification requirements.

When building a case for Florida residency for tuition purposes, the student must submit documents from a variety of categories. Students may consult the Registrar's Office before submitting the reclassification request and supporting documents. The submission of documents in itself does not qualify the student for Florida residency for tuition purposes. The Registrar's Office will evaluate all submitted documents and available information and will render an eligibility determination. No single document shall be conclusive.

When seeking residency reclassification, students should understand that merely living in or attending college in the state of Florida does not automatically establish residency for tuition purposes in Florida. The student who comes to Florida to enroll in a Florida post-secondary educational institution as an out-of-state resident and continuously enrolls in a Florida institution normally will not meet the Florida residency requirement for in-state tuition regardless of the length of time enrolled. Living or attending a post-secondary educational institution in Florida merely evidences physical presence. The student must provide documentation verifying that he or she has formed significant legal ties to the State of Florida. This documentation must establish that the Florida residence constitutes a bona fide domicile rather than serving the purpose of maintaining a mere temporary residence or abode, incident to enrollment in an institution of higher education. Evidence establishing legal ties to states other than Florida may disqualify the student from Florida residency for tuition purposes. All determinative documents must be dated at least 12 months before the first day of class for the term in which residency is sought.

Undergraduate students entering the second term of enrollment at UCF or later who believe that they qualify for Florida residency must submit the "Residency Reclassification Application and Affidavit" and all documents to ResidencyReview@ucf.edu. The absolute deadline for this Application and ALL COPIES accompanying documentation proving Florida residency for tuition purposes is one week (7 calendar days) before the first day of classes for the semester in which the student seeks reclassification. Please refer to the [Academic Calendar](#) for specific dates. Approved residency reclassification will not be applied retroactively to previous terms.

The Registrar's Office may require additional documentation beyond that initially submitted by the undergraduate student (or the claimant) before it can render a reclassification eligibility determination and it will not complete its review of the residency reclassification application until both the student and the claimant have submitted all requested documents.

All readmitted undergraduate students are required to submit copies of documents (more may be requested) such as driver's license, vehicle registration, and/or voter registration, to verify that they qualify and to update residency information on file. Requests for proof of residency for UCF undergraduate students looking to transfer or become transient students at another institution must be submitted to ResidencyReview@ucf.edu.

UCF is authorized to make discretionary judgments as to residency within the bounds of the law and in reaching this professional judgment will evaluate all documents submitted and information available. Students who feel an erroneous decision was made regarding their residency reclassification may request an appeal in writing to the UCF Residency Appeals Committee through the Registrar's Office.

Student Academic Resource Center (SARC)

Director: *Rebecca Piety*

TCH 117; 407-823-5130

Email: sarc@ucf.edu

academicsuccess.ucf.edu/sarc

The Student Academic Resource Center (SARC) provides high-quality programs and services that enable UCF students to achieve their academic goals. Programs include Supplemental Instruction (SI), Peer Tutoring, Academic Coaching and Engagement (ACE), and Academic Success Workshops.

Supplemental Instruction (SI) provides a series of weekly study sessions for students taking historically difficult courses. SI leaders attend class lectures and provide interactive study groups to help students develop effective ways to learn the course material, helping them succeed on the course and become independent learners.

SARC provides free small group and one-on-one peer tutoring to students enrolled in undergraduate courses associated with the current UCF semester's schedule. Peer tutoring sessions include Accounting, Statistics, Biology, Chemistry, Organic Chemistry, Physics and Human Physiology. Group peer tutoring is drop-in and no appointment is necessary. One-on-one tutoring is scheduled, and students can learn how to make an appointment through SARC's website. Students should refer to SARC's website for the semester schedules for both SI and tutoring.

The Academic Coaching and Engagement (ACE) program facilitates academic success among UCF students by providing one-on-one, ongoing peer coaching. Academic coaches help students develop important academic and life skills such as organization, time management, study skills, and goal setting, which are necessary to ensure satisfactory academic progress. Students can also get tips on how to be successful in an online course, including navigating Webcourses and understanding course modalities. ACE coaches are available to meet with students regularly throughout the semester to check in on their progress, stay accountable for the goals and action plans devised in previous sessions, and become more engaged in campus life. Academic Success Workshops are designed to enhance common study skills such as test-taking strategies, time management, and motivation. SARC also offers study skills assessments and online resources available 24/7 to help students become successful at the college level.

UCF Abroad

Interim Associate Dean and Interim Director: *Wayne Bowen*

UCF Global Building 139

407-882-2300

studyabroad.ucf.edu

UCF Abroad provides access to high impact, international experiences for students interested in studying or interning outside the United States as a portion of their degree program. UCF Abroad participants are exposed to new environments, new customs, and in many cases new languages in an effort to broaden their perspectives and develop the skills necessary to set them apart in the global workplace. Self-discovery, self-confidence and cultural awareness are a few of the additional benefits to studying abroad. UCF Abroad offers a comprehensive portfolio of programs to accommodate all areas of study and a broad spectrum of student budgets.

UCF Connect

connect.ucf.edu

UCF Connect, which is part of the Division of Student Learning and Academic Success, is a partnership-driven unit designed to strategically support transfer student success through its DirectConnect to UCF® and new Transfer Connect programs. The team extends UCF's reach to communities in and beyond Central Florida by providing access to quality higher education for students who might not otherwise have the opportunity to pursue educational opportunities because of time, distance, preference, or life circumstances. UCF Success Coaches are available in UCF Connect locations providing comprehensive support to prospective and current transfer students, from first contact all the way through to graduation at UCF.

The Central Florida Higher Education Consortium, branded as DirectConnect to UCF®, is a unique partnership between UCF and College of Central Florida, Daytona State College, Eastern Florida State College, Lake-Sumter State College, Seminole State College, and Valencia College. This agreement provides entry for A.A. and A.S. graduates to UCF as an enhancement to the Florida state-mandated 2 + 2 agreement. Students entering UCF as a DirectConnect to UCF student are admitted according to the UCF policies when A.A. or A.S. degrees are awarded.

The new Transfer Connect program supports transfer students from non-partner institutions. From enrollment to

graduation, the program provides these students with academic guidance and resources. Transfer Students will also have access to the Transfer Center, a hub where students can obtain information, receive advice about transitioning to UCF, and interact with fellow transfer students.

UCF Connect offers an opportunity to complete a number of programs through the UCF Connect Centers. Strategically located within an 80-mile radius of the UCF Orlando campus, the UCF Connect Centers partner with the six DirectConnect to UCF state colleges, fostering seamless and convenient advancement from completion of an A.A. or A.S. degree to upper-level division work on a baccalaureate degree. With close proximity to Orlando, resources are available at UCF and the UCF Connect Centers, such as admissions, registration, financial aid, advising, student clubs and organizations, accessibility services, veteran's affairs, "smart classrooms," libraries, computer labs, and more. Accessible academic programs vary by location. For the most current information on any of the UCF Connect Centers, check the website at connect.ucf.edu.

For online programs, visit ucf.edu/online.

UCF Connect Administration

Vice Provost for Student Learning and Academic Success and Dean of the College of Undergraduate Studies: *Theodorea Regina Berry*

UCF Connect Associate Vice Provost: *Pam Cavanaugh*

12201 Research Parkway, Suite 101

Orlando, 32826

407-823-4547

UCF Altamonte Springs (in partnership with Seminole State College)

Executive Director: *Tanya Armstrong*

850 S. State Road 434

Altamonte Springs, FL 32714

407-404-6089

The following Undergraduate Degree Programs can be completed through combined face-to-face and online courses at this location:

- Nursing (Concurrent)

UCF Cocoa (in partnership with Eastern Florida State College)

Executive Director: *Lauren Miller*

1519 Clearlake Road, Building 3

Cocoa, FL 32922

321-433-7821

The following Undergraduate Degree Programs can be completed through combined face-to-face and online courses at this location:

- Elementary Education (B.S.)
- Nursing (B.S.N.).

UCF Daytona Beach (in partnership with Daytona State College)

Executive Director: *Lauren Miller*

1200 W. International Speedway Blvd.

Daytona Beach, FL 32114

386-506-4021

The following Undergraduate Degree Programs can be completed through combined face-to-face and online courses at this location:

- Nursing (B.S.N.)
- Photography (B.S.)

UCF Leesburg (in partnership with Lake-Sumter State College)

Executive Director: *Tanya Armstrong*

9501 U.S. Highway 441

Leesburg, FL 34788

352-536-2113

UCF Ocala (in partnership with College of Central Florida)

Executive Director: *Tanya Armstrong*

3001 SW College Road, Building 40 (Ewer Center)

Ocala, FL 34474

352-854-2322, ext. 1824

UCF Palm Bay (in partnership with Eastern Florida State College)

Executive Director: *Lauren Miller*

250 Community College Parkway, Building 3

Palm Bay, FL 32909

321-433-7838

UCF Sanford/Lake Mary (in partnership with Seminole State College)

Executive Director: *Tanya Armstrong*

100 Weldon Boulevard

Sanford, FL 32773

407-708-2471

The following Undergraduate Degree Programs can be completed through combined face-to-face and online courses at this location:

- Clinical Psychology (M.A.)
- Psychology (B.S.)

UCF South Lake/Clermont (in partnership with Lake-Sumter State College)

Executive Director: *Tanya Armstrong*

1250 N. Hancock Road, Building 2

Clermont, FL 34711

352-536-2113

The following Undergraduate Degree Programs can be completed through combined face-to-face and online courses at this location:

- Elementary Education (B.S.)

UCF Valencia East (in partnership with Valencia College)

Assistant Vice Provost: *Kimberly Hardy*

701 N. Econlockhatchee Trail, Building 1, Room 265

Orlando, FL 32825

407-582-2318

The following undergraduate degree programs offer occasional face-to-face courses at this location:

- Integrated Business* (B.S.B.A.)

**Selected courses will require attendance at the UCF Orlando campus.*

UCF Valencia Osceola (in partnership with Valencia College)

Assistant Vice Provost: *Kimberly Hardy*

1800 Denn John Lane, Building 4, Room 234

Kissimmee, FL 34744

321-682-4190

The following Undergraduate Degree Programs can be completed through combined face-to-face and online courses at this location:

- Biomedical Sciences (B.S.)
- Elementary Education (B.S.)
- Integrated Business* (B.S.B.A.)

- Psychology (B.S.)
- Public Administration (B.A.)

**Selected courses will require attendance at the UCF Orlando campus.*

UCF Valencia School of Public Safety (in partnership with Valencia College)

Assistant Vice Provost: *Kimberly Hardy*

8600 Valencia College Lane
Orlando, FL 32825
407-582-2318

The following programs offer occasional face-to-face courses at this location:

- Criminal Justice (M.S.)

UCF Valencia West (in partnership with Valencia College)

Assistant Vice Provost: *Kimberly Hardy*

1800 S. Kirkman Road, Building 11, Suite 104
Orlando, FL 32811
407-582-5500

The following Undergraduate Degree Programs can be completed through combined face-to-face and online courses at this location:

- Architecture (B.D.)
- Electrical Engineering (3rd year) (B.S.E.E.)
- Elementary Education (B.S.)
- Integrated Business* (B.S.B.A.)
- Nursing (Concurrent)
- Psychology (B.S.)

**Selected courses will require attendance at the UCF Orlando campus.*

Undergraduate Research

Interim Director: *Michael Aldarondo-Jeffries*

Trevor Colbourn Hall (TCH) 205

407-823-0101

academicsuccess.ucf.edu/our

The Office of Undergraduate Research (OUR) provides students with the opportunity to engage in academic research, scholarship and creative work. Working closely with faculty, these students gain knowledge and build skills, such as critical thinking, communication and problem-solving. This experience prepares them for success in graduate and their career. For students interested in research, OUR provides peer mentoring, a "How-To" workshop series, and structured courses. They also have the opportunity to present their work at an annual on-campus research showcase and publish in the *Pegasus Review*, UCF's Undergraduate Research Journal.

University Testing Center (UTC)

Director: *Rebecca Piety*

HPH 106; 407-823-5109

Email: utc@ucf.edu

<http://utc.sdes.ucf.edu>

The University Testing Center (UTC) is part of the Division of Student Learning and Academic Success. It administers exams, including entrance, placement, academic, certification and licensure, distance learning, and pre-employment exams for numerous agencies, businesses, and institutions. UTC also provides institutional, state, and national standardized testing services for UCF students, non-UCF students, and the community. UTC works with the Office of Student Accessibility Services to provide accommodations for students with disabilities.

Institutes and Centers for Research

Dick Pope, Sr. Institute for Tourism Studies

hospitality.ucf.edu/research/dick-pope-sr-institute-for-tourism-studies
DPI@mail.ucf.edu

Director: *Abraham Pizam*
9907 Universal Blvd., Suite 231-A
Orlando, FL 32819
407-903-8010

Associate Director: *Robertico Croes*
9907 Universal Blvd., Suite 231-D
Orlando, FL 32819
407-903-8028

The purpose of the Dick Pope Sr. Institute for Tourism Studies is to improve the quality of the tourism product while increasing the benefits of tourism for the industry, state of Florida, and local communities. The Institute involves itself in a variety of research projects and educational programs. Research includes the collection, development, and dissemination of information relevant to the tourism and hospitality industry in the areas of: marketing, consumer behavior and visitor satisfaction, feasibility studies, economics, motivation, and forecasting. Some of the Institute's patrons include tourism promotion agencies at the state and local levels; tourism development commissions; professional associations; and private enterprises such as attractions, hotels, resorts, restaurants and other food-service establishments, ground and air transportation companies, travel agencies and tour operators, and other related businesses. The Institute devotes significant efforts to educating the public about the tourism industry on state and international levels, as well as its contribution to the social and economic welfare of the community at large.

Dr. P. Phillips Institute for Research and Education in Real Estate

business.ucf.edu/real-estate-institute

Director: *Bill Moss*
William.Moss@ucf.edu

The UCF Dr. P. Phillips Institute for Research and Education in Real Estate was created to emphasize real estate as an area of academic focus and serve as an important resource for the community that builds special relationships with industry and community groups.

Florida-Canada Linkage Institute

Director: *Mark Hartman*
global.ucf.edu/fcli
407-823-2337
Fax: 407-823-2526
fcli@ucf.edu

The Florida-Canada Linkage Institute was created by the Florida legislature to foster educational, commercial, cultural and social exchanges between Canada and the State of Florida. The Institute, administered by UCF Global, promotes international collaboration through expanded public/private dialogues on cooperative research and technical assistance, cultural exchanges, the enhancement of language training, and student/faculty exchange programs. The Institute administers the Out of State Tuition Fee Exemption Program that is available for Canadian students to study in Florida state universities and Florida College System institutions for the same tuition and fees as Florida residents. The awards are limited to 25 FTE and are competitive.

Florida-Eastern Europe Linkage Institute

Director: *Mark Hartman*
global.ucf.edu/eeli
407-823-2337
Fax: 407-823-2526
eeli@ucf.edu

The Florida-Eastern Europe Linkage Institute was created by the Florida legislature to foster educational, commercial, cultural and social exchanges between the countries in Eastern Europe and the State of Florida. The Institute, administered by UCF Global, promotes international collaboration through expanded public/private dialogues on cooperative research and technical assistance, cultural exchanges, the enhancement of language training, and student/faculty exchange programs. The Institute administers the Out of State Tuition Fee Exemption Program that is available for students from Eastern European countries to study in Florida state universities and Florida College System institutions for the same tuition and fees as Florida residents. The awards are limited to 25 FTE and are competitive.

The John Scott Dailey Florida Institute of Government at the University of Central Florida

Director: *Mari Yentzer Rains*

12443 Research Parkway, Suite 402

Orlando, FL 32826

iog.ucf.edu

407-882-3960

Fax: 407-882-3968

iog@ucf.edu

The John Scott Dailey Florida Institute of Government at the University of Central Florida (UCF FIOG) is part of a statewide institute established by the Florida Legislature in 1981. The UCF FIOG's mission is to enhance the capacity of Florida governments to effectively serve their communities through high quality, affordable, government consulting and technical assistance, training and professional development, applied research, meeting facilitation services, conference planning, and association management services. Our Institute connects university faculty, as well as public and private sector experts with state and local government needs. We serve state, municipal, county, special district, and school district officials and employees, and governmental associations. Projects include:

- Strategic Planning
- Citizen Community Visioning Forums
- Resident Surveys
- Charter Review
- Incorporation Study
- Economic Development Consulting
- Tree Inventory
- Organization Development
- Succession Planning
- Employee Satisfaction Surveys
- Leadership Assessments and Coaching
- Retreat Design & Facilitation
- Change Management
- 100+ Professional Development & Training Workshops (with CEU's)
- Innovation in Government
- Curriculum Design & Certification Program Design
- Advisory Board Training
- Meeting Facilitation & Consensus Building
- Association Management Services
- Conference Planning & Coordination
- Keynote Speakers
- Records Management Assessment
- Compensation Analysis
- Employee Handbooks
- HR Compliance Assessment
- HR Policy & Procedure Review
- Job Descriptions
- Recruiting & Retention Strategies
- and more!

Florida Small Business Development Center (FSBDC) at UCF

Regional Director: *Eunice Choi*

3201 E Colonial Drive, Suite A20

Orlando FL 32803

(Located in the National Entrepreneur Center)

<http://www.sbdcorlando.com>

407-420-4850

echoi@ucf.edu

The Florida SBDC at UCF is part of the statewide Florida SBDC Network which is designed to promote economic development by responding to the needs of the small business community. Assistance is provided through no-cost individual consulting, training & workshops and access to market research resources. Areas of specific attention for small businesses include:

- Pre-Venture/ Start-Up
- Finance
- Operations
- Technology
- Market Expansion & Revenue Growth
- Accounting
- Management
- Business & Strategic Plan Development

Additional programs for leaders of growing businesses are also offered as follows: Advisory Board Council, CEO XChange, Export Marketing Plan Services, Growth Acceleration Services, Small Business Institute®, and Strategic Workshop Series, in addition to Government Contracting Services offered by the Florida Procurement Technical Assistance Center at the University of Central Florida (Florida PTAC at UCF).

The FSBDC, as part of the Office of Partnership and Innovation at the University of Central Florida, serves eight counties in the Central Florida area including the central office in Orlando and ten satellite offices located at Daytona State College, Eastern Florida State College, Seminole State College, Kissimmee Chamber of Commerce, City of Palm Coast Business Assistance Center, three Lake County Business Opportunity Centers and Sumter County's Office of Economic Development.

Florida Solar Energy Center (FSEC)

Director: James Fenton

energyresearch.ucf.edu

1679 Clearlake Road

Cocoa FL 32922-5703

321-638-1000

info@fsec.ucf.edu

The Florida Solar Energy Center (FSEC), UCF's energy research and education institute, was established in 1975 by the Florida Legislature. Located on the Cocoa campus of UCF and Eastern Florida State College, FSEC has gained national and international respect for its public and private research and education partnerships, focusing on solar energy, energy-efficient buildings, hydrogen and fuel cells, electric vehicles, smart-grid research, and testing and certification of solar equipment. The Center conducts continuing education and training programs for professionals, government and industry leaders around the world, in addition to Science, Technology, Engineering and Mathematics (STEM) opportunities for the future energy workforce.

Florida Space Institute (FSI)

Director: Ramon Lugo

Florida Space Institute

PO Box 160650, Room 214 A

Orlando, FL 32816-0650

fsi.ucf.edu

407-823-6172

Fax: 407-823-6359

ramon.lugo@ucf.edu

The Florida Space Institute provides unique, practice-based educational opportunities, combined with space science research and the resources to design, build, and test small satellites, instruments, and payloads. Using these resources FSI supports UCF and other member schools, as well as other educational and commercial customers. FSI provides opportunities for student involvement in real-world space programs. FSI is a State of Florida Institute headquartered at UCF, but has 10 member schools statewide. FSI is located at Research Park, Orlando, which is adjacent to the UCF main campus. Typical research areas include small satellite innovations, planetary science, instrumentation development, space weather, and space power, driving engineering solutions with science requirements.

FSI hosts one of the nine US research teams of NASA's Solar System Exploration Research Virtual Institute (SSERVI), called the Center of Lunar and Asteroidal Surface Science (CLASS). The teams participating in the Solar System Exploration Research Virtual Institute (SSERVI) will address scientific questions about the moon, near-Earth asteroids, the Martian moons Phobos and Deimos, and their near space environments, in cooperation with international partners. FSI's faculty are also leading a NASA mission called Global Observations of the Limb and Disk (GOLD). GOLD will fly an ultraviolet (UV) imaging spectrograph on a geostationary satellite to measure densities and temperatures in Earth's thermosphere and ionosphere.

FSI conducts its educational activities through the NASA Florida Space Grant Consortium (FSGC). FSI administers FSGC, a NASA sponsored state wide higher education program, led by the UCF. Through FSGC, FSI provides opportunities for students to participate in hands-on space-related projects like the Hybrid Rocket Competition,

Florida Undergraduate Satellite Design Competition (FUNSAT), senior design projects and participation in NASA competitions. FSGC also provides fellowships, scholarships, internship and research experiences for students.

Institute for Economic Forecasting (IEF)

Director: Sean Snaith, Ph.D.

Business Administration II (BA2) 222

business.ucf.edu/centers-institutes/institute-economic-forecasting

407-823-1453

The Institute for Economic Forecasting strives to provide complete, accurate and timely national, state and regional forecasts and economic analyses. Through these analyses, the institute provides valuable resources to the public and private sectors for informed decision making.

Dr. Sean Snaith and the Institute for Economic Forecasting have brought UCF tremendous national recognition. The IEF prepares a comprehensive, quarterly forecast of the Florida economy and 12 metropolitan areas, as well as a comprehensive, quarterly forecast of the U.S. economy. Information from the forecasts is included in exclusive panels, including USA Today Survey of Top Economists, Livingston Survey, Survey of Professional Forecasters, Reuters and Bloomberg monthly survey.

Institute for Simulation and Training (IST)

Interim Director: David "Fuzzy" Wells, Ph.D.

Partnership II, III, & IV

3100 Technology Parkway

Orlando, FL 32826-0544

ist.ucf.edu

407-882-1300

ist@ist.ucf.edu

The Institute for Simulation and Training (IST) was established to conduct research and develop technology that advances the state of the art in affordable and effective human-centered simulation capabilities and training systems. In April 1985 a State of Florida resolution recognized the institute as part of a Center of Excellence for Simulation and Training. Driven by a proven record of research achievement, IST has developed unique qualifications and is positioned to provide the enabling technologies and technical talent necessary to research new ways to model human activity, improve human-agent interaction, and educate the next generation of scientists and professionals. IST is housed within the School of Modeling, Simulation, and Training (SMST) which was established in 2018 to formally recognize the exceptional growth and success of the institute and its Modeling and Simulation Graduate Program.

IST laboratories, work space, and administrative offices occupy major portions of the Partnership II, III, and IV buildings located in the Central Florida Research Park, adjacent the UCF campus. The park also is home to major simulation and training agencies from all branches of the U.S. military. The institute is a research and academic arm of the world's largest concentration of simulation and training for industry, government, health care, and entertainment.

IST's research staff of more than 200 scientists, engineers, and students conducts basic and applied research for a broad range of training devices and programs. Research teams focus on applied research and technology, human/systems integration, and information systems technologies. Research areas include:

- Multi-resolution simulation
- High performance computing
- Computer-generated forces
- Information management technology
- Team training and team performance
- Augmented cognition
- Embedded simulation
- Human performance in healthcare
- Virtual, mixed, and augmented reality
- Human-machine interface, robotics
- Application development
- Human factors psychology
- Cognitive science
- Medical-related simulation
- Advanced performance technology
- Behavioral cybersecurity

The institute annually employs more than 100 graduate and undergraduate students in a variety of research and support positions. For many outstanding graduates, work experience at IST becomes a launching pad to a career in the simulation industry. A significant number of existing professionals, both in government and industry, enroll in modeling and simulation graduate and certificate programs to continue their advanced education and hone their research skills. IST actively assists UCF in the development of simulation-related curricula. First in the nation with a master's degree in simulation systems, the university in collaboration with IST also offers a truly multidisciplinary Ph.D. in Modeling and Simulation. Both master's and doctoral programs accept applications from graduate students in computer science, digital media, psychology, engineering, mathematics, business, and other related disciplines. Also available at the graduate level is the Graduate Certificate in Modeling and Simulation of Behavioral Cybersecurity, an interdisciplinary modeling and simulation approach to cybersecurity with a particular emphasis on the behavioral aspects of cybersecurity and cyber operations.

The institute includes in its efforts development of research projects with potential commercial applications and adaptation of military technology to civilian markets. IST communicates the results of its research through seminars, conferences, publications, and workshops. In cooperation with UCF, the University of South Florida, and University of Florida, and with considerable participation from area industry and economic development organizations, IST promotes economic growth in the modeling and simulation industry throughout the Central Florida High Tech Corridor.

Institute for Sport and Social Justice (ISSJ)

Director, Special Programs and Events: Suzi Katz

Business Administration II (BA2) 113

sportandsocialjustice.org

407-823-3555

Vision: to create worldwide social justice through the power of sport.

Mission: The mission of the Institute for Sport and Social Justice is to use the power of sport to effect positive social change. We educate and empower individuals and organizations by inspiring values-based thinking leading to actions that promote social responsibility and equality.

Core Values:

Diversity and Inclusion

We believe diversity and inclusion serve as a catalyst to promote fairness, equity, and justice.

At the ISSJ, we harness the power of diversity and inclusion to capitalize on individual and collective strengths and help teams, staffs, and organizations reach their full potential. Respect and appreciation of difference are the founding principles of diversity and inclusion. As advocates of fairness and equality, the ISSJ hopes to build a global awareness and cultural competence through the power of sport. We strive to be on the cutting edge, proactively working to understand who is being excluded.

Education

Education has the power to transform lives and empowers people to make a difference.

The ISSJ embraces the principle that everyone has a right to be educated, and has a duty to use what is learned to improve society. Since its inception, ISSJ member institutions have offered opportunities for athletes to complete their degrees even after eligibility has expired. In addition to our advocacy for traditional education, the ISSJ educates and empowers people by raising awareness of social justice issues and by offering strategies and solutions for overcoming them.

Social Justice

The ISSJ is committed to peace and justice by raising awareness and developing strategies for dealing with social justice issues worldwide.

The ISSJ aims to provide the education, tools and strategies for dealing with these issues and empowers individuals to take action for those without a voice. We challenge sports leaders and athletes to embrace leadership roles by supporting everyone's basic human rights, and confronting all forms of discrimination, hate, and violence, while

advocating for those who are underrepresented.

Ethical and Moral Leadership

The ISSJ's unshakeable vision for sport driven social change demands that we challenge ourselves, and others, to aspire to the highest standards of ethical and moral behavior.

Ethical and moral actions are the foundation that enables individuals, organizations, and leaders to gain leadership credibility. The beliefs and actions of leaders have significant impact on their respective organizations and, as such, effective ethical and moral leadership blends humility with determined professional will. The ISSJ's ambitious goals for sport driven social change can only be accomplished through tireless commitment to ethical and moral behavior. Thus, we dedicate ourselves to advocate for ethical and moral leadership through the power of sport.

The Power of Sport

The global impact that sport has on society reminds us that teamwork and unity transcend the fields of competition, and has the irrefutable power to positively change people's lives.

We apply the lessons of "the huddle" to illustrate how divergent interests and beliefs can unite under a shared vision and common goal. We believe sport has an immense impact on societies across the globe. Sport has been known to galvanize communities large and small. By harnessing this power and public influence, the ISSJ continues to promote social change domestically and around the world. Changing lives through the power of sport.

Oak Ridge Associated Universities (ORAU)

President and ORAU Councilor for University of Central Florida TBA

ORAU Corporate Secretary: Monnie E. Champion

orau.org

865-576-3146

Since 1989, students and faculty of University of Central Florida have benefited from its membership in Oak Ridge Associated Universities (ORAU). ORAU is a consortium of 96 colleges and universities and a contractor for the U.S. Department of Energy (DOE) located in Oak Ridge, Tennessee. ORAU works with its member institutions to help their students and faculty gain access to federal research facilities throughout the country; to keep its members informed about opportunities for fellowship, scholarship, and research appointments; and to organize research alliances among its members.

Through the Oak Ridge Institute for Science and Education (ORISE), the DOE facility that ORAU operates, undergraduates, graduates, postgraduates, as well as faculty enjoy access to a multitude of opportunities for study and research. Students can participate in a number of programs covering a wide variety of disciplines including business, earth sciences, epidemiology, engineering, physics, geological sciences, pharmacology, ocean sciences, biomedical sciences, nuclear chemistry, and mathematics. Appointment and program length range from one month to four years. Many of these programs are specially designed to increase the numbers of underrepresented minority students pursuing degrees in science- and engineering-related disciplines. A comprehensive listing on these programs and other opportunities, their disciplines, and details on locations and benefits can be found in the ORISE Catalog of Education and Training Programs, which is available at <http://see.orau.org>, or by calling the number above.

ORAU's Office of Partnership Development seeks opportunities for partnerships and alliances among ORAU's members, private industry, and major federal facilities. Activities include faculty development programs, such as the Ralph E. Powe Junior Faculty Enhancement Awards, the ORAU Events Sponsorship Program, the ORAU Travel Grants Program and the Lindau Meeting of Nobel Laureates and Students.

Student Account Services “Tuition & Fees”

- [Student Account Services](#)
- [General Information](#)
- [Schedule of Fees](#)
- [Student Financial Responsibility Statement](#)
- [Payment Procedures](#)
- [Other Forms of Payment](#)
- [Refund of Fees](#)
- [Direct Deposit](#)
- [Past Due Accounts](#)
- [Late Fees](#)
- [Florida Residency for Tuition Purposes](#)

· Student Account Services

Bursar: Kelly D'Agostino

Millican Hall (MH) 109

studentaccounts.ucf.edu

407-823-2433

studentaccounts@ucf.edu

· General Information

Student Account Services is here to serve the students who attend the University of Central Florida by maintaining accurate financial records and communicating with students concerning their accounts.

The Student Account Services office is responsible for:

- Tuition and Fee Assessment/Refunds
- Processing Payments
- Overdue payment and institutional loans collection (Loans and Collections)

· Schedule of Fees

Note: 2021-2022 tuition and fees had not been established at the time of this publication. Rates for the 2021-2022 academic year will be available in July 2021 at studentaccounts.ucf.edu/tf-tuitionratescurrent. Fees are subject to change without notice.

Tuition and Fees: Tuition and fees are established by the State Legislature and the University Board of Trustees and are subject to change without notice. Fees are affected by residency status. Tuition and fees are charged per semester or term for main campus, regional campus, and continuing education courses. Tuition is assessed on a per credit hour basis. Students classified as zero-hour registration students are assessed one credit hour at the Florida Resident Tuition rate at the course level for which the student is registered.

Tuition Fee Invoice: A student's Fee Invoice will show all tuition and fee charges, payments and deferments associated with the term, and courses in which the student is currently enrolled. The Fee Invoice will not show fees such as housing, meal plan, library, parking, etc. Tuition Fee invoices are available 24/7 on the web my.ucf.edu, and from the student's college advising offices. Students should review their current Tuition Fee Invoice prior to making a payment. Tuition Fee invoices are not mailed. The Tuition Fee Invoice should be reviewed once after initial registration of courses and also after making any changes to the initial registration to ensure that the fees are adjusted accordingly.

Fee Payment Deadlines: All University tuition and fees must be paid by the published dates. Tuition and fees not paid or deferred by the payment deadline for each term will result in late fees and may result in the cancellation of all classes. Refer to the [Academic Calendar](#) each term for the fee payment deadlines.

Limited Non-Degree Enrollment Classes: Payment guidelines for Limited Non-Degree enrollment classes can be found on the "Registration Form for Non-Admitted Students." It is the student's responsibility to officially drop from courses to avoid additional financial obligations.

· Student Financial Responsibility Statement

Registration at UCF requires students to acknowledge the following financial responsibility statement:

The following agreement includes details on your responsibilities related to, but not limited to the

following:

You are responsible for paying for any course for which you are enrolled in at the end of UCF's drop period. If your account becomes delinquent, you agree to reimburse UCF for the fees of any collection agency, which may be based on a percentage of the delinquent account balance.

Fee Responsibility: By registering for courses at UCF, I promise to pay the university the principal, and any late fees, fines or penalties, by the due dates stated on my student account and in applicable university catalogs and/or websites. I understand that withdrawal for each term begins after the drop deadline and that I remain fee liable for any class from which I withdraw. I understand that non-attendance does not constitute a drop or withdrawal. I also understand that notifying my professor, advisor, or other university representative does not constitute a drop or withdrawal. If I withdraw from courses with the intent of not returning to UCF, I must also drop courses for any future terms or I shall be fee liable and receive a grade.

Payment of Fees: If payment is made by check (electronic or paper) and the check is not honored by my bank, I agree that a returned check fee will be charged to my student account. If I expect financial aid to pay all or part of my financial obligations to UCF, I understand that it is my responsibility to meet all requirements for aid disbursement to my student account. I authorize UCF to use the financial aid to pay for all education costs charged to my student account in accordance with federal guidelines. I understand that it is my responsibility to ensure that all requirements of grantors, lenders, employers, and other third-party payers are met on a timely basis. I understand that despite my expectations for payment from financial aid or other sources, I am ultimately responsible for all charges incurred. I understand that my financial aid may be adjusted due to my student eligibility and/or student status (e.g., part-time, full-time). In connection with any such adjustments, I agree to repay UCF any amounts that the university pays, on my behalf, to lenders or other financial aid providers and that such amounts constitute an educational loan from the university.

Bankruptcy: UCF is an institution of higher education. As such, certain financial obligations are considered to be an educational loan offered for the sole purpose of financing an education and therefore is a non-dischargeable debt, pursuant to United States Bankruptcy Code section 523(a)(8).

Official Notification: I understand that UCF sends electronic notifications (emails) to my official Knights e-mail account to communicate important updates and that I am responsible for taking action on correspondence sent to this address.

Note: The Fall 2020 Financial Responsibility Statement had not been established at the time of this publication.

Payment Procedures

Payment must be received or postmarked no later than the fee payment deadlines as specified on the Academic Calendar. The primary form of payment of most account holders is online through the E-pay system via the myUCF portal. Students can pay using a check or a credit card in this system. **Payments cannot be transacted by telephone.**

Acceptable forms of payment:

- Personal Checks
- Credit Cards (Acceptable credit card types are Visa, American Express, MasterCard, and Discover). Please review the Student Account Services website at studentaccounts.ucf.edu/payment-methods for current payment information.
- E-Pay - my.ucf.edu - E-Check (Personal Check) or Credit Card
- A nonrefundable convenience fee will apply per credit card transaction.
- Payments made at any time on the published fee payment deadline will be considered on time.

E-Pay process:

- Sign in the myUCF portal as usual then click on the link for Student Self Service; this will open your Student Center page. Use the right scroll bar to scroll to the Finances section. You will find the **My Account** section.
- Click on the link for the Tuition Fee Invoice. Select the current term (i.e. Summer 2020, Fall 2020, or Spring 2021). The Fee Invoice will provide you your schedule, the charges, the Amount Due and deferrals.
- Annotate the Amount Due as you will need that amount once you are on the E-Pay system.
- Scroll down to the bottom of the page and click on the Due Charges/E-Pay link to make a payment.

Mailed payments: (Please do not send cash)

- Include student's name and UCF ID# on personal checks or money orders (make check payable to University of Central Florida)
- Address payments to:

University of Central Florida
Student Account Services
Attn: Payment Processing
P.O. Box 160115
Orlando, FL 32816-0115

Payment Drop – 24-Hour Depository at main campus (located on Reflecting Pond side entrance of Millican Hall) (no cash)

Other Forms of Payment

Tuition and fees may be partially or completely paid by financial aid, Florida Prepaid, tuition waivers, or departmental grants. The student is responsible to pay any amount that is not covered by these types of payments by the due date on his or her fee invoice.

Financial Aid

See Student Financial Assistance for rules and procedures.

All fees not deferred by financial aid are due by the due date on his or her fee invoice.

For information regarding Florida Prepaid College Plan or Tuition Waivers, please refer to the Student Account Services website at studentaccounts.ucf.edu.

UCF Payment Plan

The UCF payment plan is a 2-payment design in which the student pays \$15 upfront to be allowed to pay only 50% of the total tuition bill by the regular payment deadline, therefore avoiding a late payment fee, and being dropped for non-payment. The student is then responsible for paying the remaining 50% by the Payment Plan deadline on their Fee Invoice.

Students receiving financial aid, Florida Prepaid, waivers, or third party payments already have an extended payment deadline and will not be eligible for the UCF payment plan.

Florida Prepaid

UCF Student Account Services will automatically defer tuition and fees and bill Florida Prepaid (FPP) up to the maximum billable amount based on the number of credit hours enrolled. Students with active FPP deferrals will see the Estimated FPP showing on their Fee Invoice for the term. Please note that no FPP Plan will cover 100% of the fees associated with the tuition assessed. Student Account Services use an automated system to identify students with active FPP accounts, which eliminates the need to turn in a FPP Card.

Tuition and Fees for Senior Citizens

Persons 60 years of age or older who meet Florida residency requirements may register to audit classes on a space-available basis without payment of tuition and application fees. Registration is on a **space-available basis**; see the appropriate term's Academic Calendar calendar.ucf.edu for registration dates and times. The tuition fee waiver cannot be used for courses that require increased costs (such as thesis, dissertation, and directed individual study). A "Florida Residency" Affidavit is required to establish Florida residency. A completed "Student Health History" form must be filed prior to registration. Inquiries should be directed to the Registrar's Office (Millican Hall 161; Telephone: 407-823-3100).

· Refund of Fees

A refund of fees will be processed under the conditions noted below. The student must submit a written appeal for a refund or other appeal action to the University within six months of the close of the semester/term to which the refund or other appeal action is applicable. Any debts to the University will be deducted from the refund, up to the full amount.

Full Refund Eligibility

The following conditions allow a full refund: 1) A class is dropped prior to the end of the Drop period; 2) Cancellation of a course by the University.

Partial Refund (25%)

25% of tuition and associated fees assessed, adjusted for waivers, is refundable when the student withdraws **completely** from the University prior to the end of the fourth week of classes during a 16 or 17 week semester, or as designated by the university for summer sessions.

Exceptional Circumstances

Refunds for exceptional circumstances may be available for certain Administrative Record Changes of courses. Up to 100% of tuition and registration fees are refundable if due to circumstances determined by the University to be exceptional, including, but not limited to, sickness, death, involuntary call to military service, or University administrative error. If approved, a Late Withdrawal does not result in a refund of tuition and fees. Please visit the Academic Services website for more information.

A written appeal for a refund or other appeal action must be submitted to the University within six (6) months of the close of the semester to which the refund or other appeal action is applicable.

· Direct Deposit

Students are strongly encouraged to establish direct deposit with the University. Direct Deposit prevents delays due to lost checks or change of address. All refunds from students' accounts can be direct deposited into the student's checking account to any U.S.A. bank in the federal system. Funds are usually available within 24-48 hours after disbursement, and enrollment only takes a few minutes. To enroll, sign in at <https://my.ucf.edu> and click on Student Self Service. Go to the Student Account Services link, then click on Direct Deposit and follow the instructions.

· Past Due Accounts

All financial obligations to the University must be met. **Failure to meet obligations can result in the withholding and denial of registration, diploma, transcripts and readmission to the University.** The services of a professional collection agency and recourse to the courts may also be invoked if deemed necessary. All costs of collection, including attorney's fees, are the responsibility of the debtor.

Do not assume your registration will be canceled if you fail to pay fees or attend classes. Tuition deferrals, for example, will prevent class cancellation for non-payment.

· Late Fees

Late Payment Fees apply to students who do not pay their fees (or obtain a full fee deferment) by the payment deadline. The Late Payment Fee is \$100 per term minimum.

Late Registration Fees are charged to students who enroll following the close of the regular registration period for

the term, who re-register, or who enroll for the first time that term during Late Registration and Drop/Swap and Add period. The Late Registration Fee is \$100.00 per term minimum.

Late Payment DNP (Drop for Non-Payment) Fees are charged to students who are dropped for non-payment of courses. The DNP Fee is 100 per term minimum.*

**Summer term is divided into sessions, and the late fees are charged per session.*

Florida Residency for Tuition Purposes

At University of Central Florida, three offices are responsible for the review of residency for tuition purposes under Florida Statute 1009.21, F.S., State Board of Education, Rules 6A-10.044 & 6A-20.003, and Board of Governors Regulation 7.005. The offices of Undergraduate Admissions and Graduate Studies determine residency for all first-time-on-campus students; thereafter, the Registrar's Office will review student requests for changes in residency for Undergraduate Students. The College of Graduate Studies will review student requests for changes in residency for graduate students. A first-time-on-campus student will be classified according to the information he or she includes on the application for admission, providing that no other information is available that calls into question the information contained on the application.

To qualify as a Florida resident for tuition purposes in accordance with State regulations, the student must be a United States citizen, resident alien, parolee, Cuban national, Vietnamese refugee, or other refugee or asylee so designated by the United States Citizenship and Immigration Service,

And

Have established a legal residence in this state and maintained that legal residence for 12 months immediately prior to the term in which they are seeking Florida resident classification. The student's residence in Florida **must** be as a bona fide domicile rather than for the purpose of maintaining a mere temporary residence or abode incidental to enrollment in an institution of higher education, and should be demonstrated as indicated below (for dependent students, as defined by Internal Revenue Service regulations, a parent or guardian must qualify),

And

Submit the following documentation (or in the case of a dependent student, the parent must submit documentation) prior to the first day of classes for the term for which resident status is sought:

1. Documentation establishing legal residence in Florida (this document must be dated at least one year prior to the first day of classes of the term for which resident status is sought). The following documents will be considered in determining legal residence:
 1. Declaration of Domicile (**Note:** the Declaration of Domicile will support a claim of residency for tuition purposes only after a period of 12 months from the date that the Clerk of the Court notes that the declaration was sworn and subscribed to them.)
 2. Proof of purchase of a home in Florida in which the student resides;
 3. Proof that the student has maintained residence in the state for the preceding year (e.g., leases, employment records).
2. Documentation establishing bona fide domicile in Florida which is not temporary or merely incidental to enrollment in a Florida institution of higher education. The following documents will be considered evidence of domicile even though no one of these criteria, if taken alone, will be considered as conclusive evidence of domicile:
 1. Declaration of Domicile;
 2. Florida voter registration;
 3. Florida vehicle registration;
 4. Florida driver license or Florida identification;
 5. Proof of real property ownership in Florida (e.g., deed, tax receipts) where you reside;
 6. Verification of permanent employment, fulltime (30 hours/week x 52 weeks) in Florida by the employer, employment records, or other employment-related documentation (e.g., W-2 paycheck receipts), other than for employment normally provided on a temporary basis to students or other temporary employment. The document must show 12 consecutive months of Florida employment prior to the first day of classes of the term for which the student requests Florida residency;

7. Proof of membership in or affiliation with community or state organizations or significant connections to the State;
 8. Proof of continuous presence in Florida during periods when not enrolled as a student;
 9. Proof of former domicile in Florida and maintenance of significant connections while absent;
 10. Proof of reliance upon Florida sources of support;
 11. Proof of domicile in Florida of family;
 12. Proof of admission to a licensed practicing profession in Florida;
 13. Any other factors peculiar to the individual that tend to establish the necessary intent to make Florida a permanent home and that the individual is a bona fide Florida resident, including the age and general circumstances of the individual;
 14. Proof of graduation from a high school located in Florida.
3. No contrary evidence establishing residence elsewhere;
 4. Documentation of dependent/independent status (notarized copy of most recent IRS tax return)
 - Or*
 - Be married to a person who has been a legal resident of the State of Florida for the required 12-month period and relinquish legal ties to any other state,
 - Or*
 - Be a member of the Armed Forces on active duty stationed in Florida, or a spouse or dependent, or active drilling members of the Florida National Guard,
 - Or*
 - Be a member of the full-time instructional or administrative staff of a state public school, Florida College System institution, or university in Florida, a spouse or dependent,
 - Or*
 - Military Personnel (and spouse/dependent children) not stationed in Florida whose home of record or state of legal residence certificate is Florida,
 - Or*
 - Be a dependent and have lived five years with an adult relative, who has established legal residence in Florida,
 - Or*
 - Be a person who was enrolled as a Florida resident for tuition purposes at a Florida institution of higher education, but who abandoned Florida residency and then re-enrolled in Florida with 12 months of the abandonment,
 - Or*
 - Be a full-time Latin American or Caribbean student who receives scholarships from the federal or state government,
 - Or*
 - Be a United States citizen living on the Isthmus of Panama who has completed 12 consecutive months of college work at the Florida State University Panama Canal Branch, or a spouse or dependent,
 - Or*
 - Be a graduate student of the Southern Regional Education Board's Academic Common Market attending Florida's state universities,
 - Or*
 - Be a full-time employee of a state agency or political subdivision of the state when the student fees are paid by the state agency or political subdivision for the purpose of job-related law enforcement or corrections training,
 - Or*
 - Be a U.S. Citizen who is a McKnight Doctoral Fellowship recipient,
 - Or*
 - Be a qualified beneficiary under the Florida Pre-paid Postsecondary Expense Program per s.240.551(7)(a),
 - Or*
 - Be an active duty member of the Canadian military residing or stationed in this state under the North American Air Defense (NORAD) agreement, or a spouse or dependent,

And

Submit a statement as to the length of residence in Florida and their residency qualifications under the above criteria. Students requesting Florida residency for tuition purposes shall apply to the appropriate admissions office if they have not yet enrolled, or to the Registrar's Office if they already are enrolled.

Student Financial Assistance

- [Office of Student Financial Assistance](#)
- [Student Rights and Responsibilities](#)
- [Student Eligibility](#)
- [Application Priority Date](#)
- [Application Procedures](#)
- [Specific Eligibility Requirements and Conditions for Receiving Financial Aid](#)
- [Program Eligibility Charts](#)
- [Helpful Hints](#)
- [School Costs](#)
- [Financial Aid Programs Available at UCF](#)
- [Award Notification](#)
- [Deferrals of Tuition and Fees](#)
- [Confirmation of Academic Engagement and Disbursements](#)
- [Satisfactory Academic Progress \(SAP\)](#)
- [Satisfactory Academic Progress Probation](#)
- [Transfer Students](#)
- [Independent Students](#)
- [Transient Enrollment](#)
- [Over Awards](#)
- [Refunds and Return of Title IV Funds](#)
- [Professional Judgment](#)
- [Repeated Coursework](#)
- [Maximum Time Limitation on Direct Subsidized Loan Eligibility](#)
- [Excess Hours Surcharge](#)

Office of Student Financial Assistance

Director: Alicia Keaton

Millican Hall (MH) 107

finaid.ucf.edu

407-823-2827

Fax: 407-823-5241

finaid@ucf.edu

Office Hours:

Monday and Thursday: 9 a.m. - 5:30 p.m.

Tuesday, Wednesday, Friday: 9 a.m. - 5:00 p.m.

(Hours subject to change during holidays, semester breaks and changes in university operations.)

The Office of Student Financial Assistance is dedicated to supporting UCF's mission and goals through the efficient delivery of student aid. The office provides UCF students with a comprehensive offering of financial assistance options to support student success and the attainment of a university degree. Financial aid guidance is available in a variety of formats including in-person, virtual, phone and email counseling services. More information on the types of financial aid available to students and financial aid policies can be found in the [Financial Aid Guide](#).

Student Rights and Responsibilities

Students have the right to full information about the financial aid programs available at UCF, our application procedures, aid deadlines, and the criteria used to determine a financial aid package. Students have the right to appeal decisions made by the Office of Student Financial Assistance. Students also have the right to equitable treatment of their financial assistance applications. Although each student's case is analyzed individually, eligibility standards are applied uniformly without regard to race, gender, religion, creed, national origin, or disability. All students' records are confidential.

It is the student's responsibility to review and understand all information and instructions, meet all deadlines, and provide all information and documentation accurately. Errors and omissions can cause delays and prevent students from receiving assistance. Misrepresentation is a violation of federal regulations.

Student Eligibility

To receive aid from most federal and state financial aid programs, students must meet certain requirements. All students are encouraged to complete the Free Application for Federal Student Aid (FAFSA) annually, before December 1, to determine eligibility. The FAFSA results are required for many programs. The federal processor, using a standardized formula, calculates financial need. Those results are then forwarded to the schools that were identified on the application. UCF must be listed on the FAFSA in order to receive the data. UCF's Federal School Title IV code is 003954. Regulations are subject to change at any time.

Application Priority Date

All students must apply or reapply annually for financial aid. To be considered for the full range of financial aid available, students should complete the Free Application for Federal Student Aid (FAFSA)/Renewal FAFSA by mid-February. The processed results of the FAFSA must be received by UCF no later than December 1 to meet the university's application priority date.

- If the priority date is missed, students should apply as soon as possible after that date to be considered for the financial aid that is still available, such as the Federal Pell Grant, Federal Direct Stafford Loan, and Federal Direct PLUS Loan;
- Students should not wait to be admitted to UCF before applying for financial aid; however they cannot be offered a financial aid package until they have been admitted to the university;
- Federal Pell Grants and Federal Direct Stafford Loans are available on a year-round basis. Students may apply for financial aid in advance of any term and receive aid from these programs, if eligible;
- Students enrolling in the fall semester should submit all requested documents by the May 30th priority deadline for timely review and processing of their financial aid file. However all students should have a completed financial aid file at least 60 days prior to the beginning of any given semester. Students who apply late for aid should be prepared to cover their own living expenses, out-of-pocket, well into the term;
- A broad range of scholarships is available with diverse criteria. Please review the Scholarship page found on the website for additional information.

Application Procedures

- The FAFSA can be filed electronically at <http://www.fafsa.gov>;
- Using the IRS Data Retrieval Tool found within the FAFSA is the most accurate, and secure method of providing the required federal tax information. Applicants who use the unchanged data generated by the IRS Data Retrieval Tool will not be required to provide federal tax return transcripts from the IRS to the financial aid office. Students who are selected for verification who did not use the IRS Data Retrieval Tool, or changed data after using the tool, may be required to submit IRS tax return transcripts to verify tax information. Signed copies of tax forms and the appropriate schedules may be submitted, in lieu of tax transcripts.
- Information provided on the Student Aid Report (SAR) should be reviewed thoroughly;
- Review all correspondence, follow instructions on the Student Aid Report (SAR), and follow through within 5 - 10 business days. Delays can result in negative consequences;
- Federal regulations require that some students be selected for verification, a process that requires a student's file receive additional review. If selected, students will be required to provide documents supporting the information submitted on the FAFSA. Subsequent requests for data may be necessary after initial submissions are reviewed. Prompt response to requests will expedite completion of this process;
- Students selected for verification are advised to submit all requested documents by the May 30th verification priority date for timely processing. Students should have a completed financial aid file no later than 60 days prior to the beginning of a semester.
- Late or incomplete submission of documents can result in delayed disbursements or possible loss of eligibility for aid.
- Offered federal funds and other need-based financial aid are considered estimates until verification is complete and all necessary corrections have been made.

Specific Eligibility Requirements and Conditions for Receiving Financial Aid

- Students must be accepted and classified as degree-seeking at UCF in an eligible program of study. Only courses toward degree requirements count for financial aid purposes;
- Students must maintain UCF's Standards for Satisfactory Academic Progress (See ucf.edu/financial-aid/policies/satisfactory-academic-progress for more information);
- Students are required to inform the Office of Student Financial Assistance of any additional sources of aid they expect to receive beyond those listed on the award notification or award information provided on the Student Center on myUCF. Any subsequent awards or income may require a revision of the financial aid package. This includes, but is not limited to, any private scholarships or third-party tuition payment/waivers;
- Students may not receive aid in excess of their Cost of Attendance (See ucf.edu/financial-aid/cost for more information);
- Students must not be in default on any federal educational loan or owe repayment on a federal grant at this or any other institution;
- Students must provide all information requested for the completion of their file. If selected, verification must be completed within specified deadlines and prior to the receipt of all federal and most state and institutional funds;
- Students must notify the Office of Student Financial Assistance of any changes in their housing status, household size, or family members in college from that listed on their FAFSA;

- Students must reapply annually for federal financial aid;
- Students must accept, reduce or decline offered loan(s) on the myUCF View Financial Aid screen.
- First time borrowers must complete an online Entrance Counseling and Master Promissory Note (MPN) for a Federal Direct Stafford Loan at UCF;
- Students must be U.S. citizens or an eligible non-citizens, (e.g. resident aliens). Eligible non-citizens include a permanent U.S. resident with a Permanent Resident Card (I551); a conditional permanent resident with a Conditional Green Card (I-551C); as well as some I-94 classifications;
- Students must have a high school diploma, GED certificate, or completed secondary school through homeschooling as defined by state law;
- For need based programs, students must show financial need as determined by the FAFSA;
- Applicants who were assigned a male gender at birth must be registered with Selective Service, if applicable.

· Program Eligibility Charts

To ensure enrollment in sufficient hours for the various financial aid programs, please refer to the Program Eligibility Charts on the website, under Receiving Aid (See ucf.edu/financial-aid/resources/program-eligibility-charts for more information).

· Helpful Hints

- Apply early to be considered for the full range of financial aid available each year by completing the Free Application for Federal Student Aid (FAFSA)/Renewal FAFSA. The processed results of the FAFSA must be received by UCF from the federal processor by December 1 to meet the university's application priority date;
- Use the IRS Data Retrieval Tool located within the FAFSA application. Applicants who use the unchanged data generated by the IRS Data Retrieval Tool will not be required to provide federal tax return transcripts from the IRS. Students who are selected for verification who did not use the IRS Data Retrieval Tool, or changed data after using the tool, will be required to submit IRS tax return transcripts to verify tax information. Signed copies of tax forms and the appropriate schedules may be submitted, in lieu of tax transcripts.
- Students selected for verification are advised to submit all requested documents by the May 30th verification priority deadline for timely processing. Students should have a completed financial aid file no later than 60 days prior to the beginning of a semester.
- Start a folder to save financial aid information and photocopies of all documents filed and received. Include student's name and UCF ID on all documents submitted. (Do not submit originals; documents will be shredded after scanning.)
- Students should activate their Knights Email account and check it regularly to avoid missing important and critical information from the Office of Student Financial Assistance and the university;
- Complete all items necessary to apply for both a Federal Pell Grant and a Federal Direct Stafford Loan, even if it doesn't seem advantageous at the time. The law requires that students be considered for a grant before a loan is offered.
- Respond promptly to all information requests; late or incomplete submission of documents can result in delayed disbursements or possible loss of eligibility for aid.
- Financial aid counseling services are available in a variety of formats;
- Comprehensive financial aid information can be found on the website: www.ucf.edu/financial-aid.

· School Costs

Estimated student budgets have been developed as a guide to help students anticipate their costs at UCF. Please refer to the website at ucf.edu/financial-aid/cost for the estimated Cost of Attendance. The Cost of Attendance is not a bill. It is considered estimated charges a student can expect to incur upon enrolling in classes at the university.

Estimated Cost of Attendance for 2021-2022 Undergraduate Students - Main Regional Campus (Fall/spring based on 14 hours per term)				
	Florida Residents		Non-Florida Residents	
	<i>On/Off Campus</i>	<i>Parent/Relative</i>	<i>On/Off Campus</i>	<i>Parent/Relative</i>
Living Arrangement				
Tuition and Fees	\$5,954	\$5,954	\$20,980	\$20,980
Books	\$1,200	\$1,200	\$1,200	\$1,200
Room	\$7,318	\$3,352	\$7,318	\$3,352
Board	\$4,180	\$2,236	\$4,180	\$2,236
Transportation	\$1,866	\$1,866	\$1,866	\$1,866
Personal Expenses	\$3,104	\$3,104	\$3,104	\$3,104
Total Costs	\$23,622	\$17,712	\$38,648	\$32,738

\$

Estimated Cost of Attendance for 2021-2022 Undergraduate Students - UCF Online (Fall/spring based on 14 hours per term)				
	Florida Residents		Non-Florida Residents	
	<i>On/Off Campus</i>	<i>Parent/Relative</i>	<i>On/Off Campus</i>	<i>Parent/Relative</i>
Living Arrangement				
Tuition and Fees	\$5,892	\$5,892	\$20,731	\$20,731
Books	\$1,200	\$1,200	\$1,200	\$1,200
Room	\$7,318	\$3,352	\$7,318	\$3,352
Board	\$4,180	\$2,236	\$4,180	\$2,236
Transportation	\$1,866	\$1,866	\$1,866	\$1,866
Personal Expenses	\$3,104	\$3,104	\$3,104	\$3,104
Total Costs	\$23,560	\$17,650	\$38,399	\$32,489

Financial Aid Programs Available at UCF

Financial aid comes in many forms, such as grants, scholarships, employment, loans and waivers. Detailed information on the type of aid offered at UCF can be found on the financial aid website, under types of aid.

Grants are considered gift aid and do not have to be repaid. Only undergraduate students who have not previously received a bachelor's degree and who demonstrate financial need may be eligible for federal and state funded grant programs. Awards are based on the amount of available funds and the number of eligible applicants. To be considered for grant awards, students must meet eligibility requirements and have a valid FAFSA on file at UCF.

Scholarships are awarded based on various criteria, including financial need, campus/community activities,

leadership positions, academic success, and work experience. Scholarships are designed to reward, encourage, and assist students in pursuing academic excellence and leadership roles.

Federal Work Study is designed to provide students who demonstrate financial need a chance to earn money while pursuing a degree. Individual departments hire students while the Office of Student Financial Assistance determines the eligibility, award amount, and pay rate.

Loans are borrowed funds that must be repaid. They provide undergraduate students with an opportunity to invest in their future. Undergraduate students must enroll for at least six hours at UCF in UCF classes to be considered for federal loans. First time Federal Direct loan borrowers are subject to a maximum time period (measured in academic years) to receive Federal Direct Subsidized Loans. Students may not receive Federal Direct Subsidized Loans for more than 150% of the published length of their academic program. This time limit does not apply to Direct Unsubsidized Loans or Direct PLUS Loans. Visit our website for details.

Financial Aid Notification

Financial aid summaries for first time UCF students are sent electronically in early March, while email financial aid notifications are sent to continuing students who meet Satisfactory Academic Progress standards in April. Initial awards may be amended due to factors such as contingent admission status, less than half-time enrollment, lack of academic progress, changes needed due to verification, incomplete files, receipt of additional resources, etc.

Financial aid packages are based upon the student's financial need, the amount of available funds, the number of UCF students who qualify for aid, and the date the student completes the application process. The amounts listed via financial aid summaries are estimates based on full-time enrollment. For purposes of financial aid, enrollment is based solely on classes that count toward degree completion.

Federal, institutional and state funded aid require admission to UCF to be finalized with no contingencies and students must be classified as degree-seeking.

Verification, if required, must be completed. Students must meet the Standards for Satisfactory Academic Progress. If all eligibility is met, financial aid funds may be disbursed.

It is the student's responsibility to be aware of minimal requirements for each program, which can be found on the Program Eligibility Charts on the website. When requirements are no longer met, awards will be adjusted as necessary and will update on myUCF. All awards are subject to change.

Deferment of Tuition and Fees

Deferments allow students to extend payment of tuition and fees beyond the published due date, which is generally two weeks after the term begins. The fee invoice reflects the deferred due date for tuition and fees. Students given a deferment are advised that their tuition and fee charges must be paid by the due date noted on the student's fee invoice, which is the deferment date. The deferment process occurs automatically if the student is meeting all general eligibility requirements and has enrolled in sufficient hours for the financial aid program/s. Please refer to the Program Eligibility Charts on the website for more information. Students should use myUCF to obtain up-to-date information. In order for loans to defer tuition and fees, students must accept the offered loan on myUCF View Financial Aid screen. In order to have access to accept loans, all required items on the To Do List must be submitted. Students must drop classes prior to the end of Drop/Swap and Add in order to not be fee liable for those classes. If students do not drop their classes, a financial aid deferment may keep the classes active even if they never attended.

Confirmation of Academic Engagement and Disbursements

Timing of disbursements is contingent upon students meeting all conditions for receiving aid. Disbursement of financial aid begins the second week of the semester and continues each week thereafter. During the first week of classes students are required to confirm academic engagement in each of their courses. This is done through either the student completing an academic activity that has been established by the faculty member or by faculty physically taking attendance. Students may complete the academic activities after the first week of classes but they

may receive a later disbursement of aid for those courses. At the end of the Drop/Swap and Add period, awards are adjusted based on the student's enrollment and confirmation of academic engagement. The week following, the disbursement process is initiated by moving students' awards to the student's account. Once funds are disbursed to the Office of Student Account Services, the disbursement record is posted on myUCF under "View My Account" on the Student Center. Charges appearing on the student's account will be deducted at that time. Any remaining financial aid will be processed as a refund with the exception of any Federal Direct PLUS Loan for Parents, which will be disbursed to the parent at their mailing address. If charges remain on the account after disbursements, or if subsequent charges are made to the student's account, it is the student's responsibility to ensure they are paid. Students signed up for direct deposit should allow up to four business days for funds to show in their bank account. For refund checks that are being mailed, students should allow at least a week to receive their check at their current mailing address reflected on myUCF.

Students should be aware of the disbursement process so that they are prepared to use their personal savings for anticipated expenses such as books and supplies at the beginning of the term. The Short Term Advance (STA) for Books or the Textbook Purchase Program is available for students to help with these expenses. The STA application is available in the form section of the financial aid website approximately a month prior to the start of each term, so that funds may be available as early as two weeks before the first day of classes. For additional information regarding these two programs, visit ucf.edu/financial-aid/receive/funds-for-textbooks.

Satisfactory Academic Progress (SAP)

Federal regulations require the University to establish Standards of Satisfactory Academic Progress as a general eligibility requirement for financial aid. A student must maintain satisfactory academic progress in a course of study regardless of whether the student previously received financial aid or transferred in from another institution.

To meet the standards adopted by the University of Central Florida, a student must:

- Maintain a minimum cumulative GPA of a 2.0 at the undergraduate level.
- Complete a minimum of 67% of all credit hours attempted including transfer hours.
- Graduate within the number of hours allowed by the Satisfactory Academic Progress policy. Students are allowed a specific number of attempted hours based on their classification. This includes transfer hours accepted toward the degree plus all UCF hours (*see chart below*).

Classification	Maximum Hours Allowed For Completing Degree
Undergraduate	180 Attempted Hours
Second Undergraduate	70 Attempted Hours
Graduate Certificate	27 Attempted Hours (includes all hours taken while classified as a graduate certificate student)
Masters	70 Attempted Hours
Specialist	100 Attempted Hours (including all graduate level hours)
Doctoral	120 Attempted Hours (including all graduate level hours)

Students who do not meet the GPA and/or percentage completion SAP standards will be placed on financial aid warning for the next semester. At the end of that semester, students must either meet the standards or aid will be canceled for future terms until student either meets the standards or the student has an appeal approved placing them on financial aid probation with an academic plan on file demonstrating the requirements for the student to get back on track towards graduation.

Repeated course/s, including the original attempt, will be counted towards the completion ratio and maximum time frame requirements.

For detailed SAP policy information, please refer to the Office of Student Financial Assistance website at ucf.edu/financial-aid/policies/satisfactory-academic-progress.

Re-establishing Eligibility after Cancellation

Any student with extenuating circumstances, (i.e., death of a relative, an illness or injury of the student, etc.), who is

placed on cancellation status may appeal to the Financial Aid Review Committee for reinstatement based on his/her special case.

If the student was canceled for the failure to complete 67% of the attempted hours and since cancellation, has brought up the percentage to a minimum of 67%, the student will be reinstated during the end of the semester review process. If a student was canceled for not meeting the GPA requirement, they will be placed back on a reinstated status once their GPA has been brought up to the required level during the end of semester review process.

To appeal, the student must:

- Complete the Satisfactory Academic Progress Appeal Form; (available at ucf.edu/financial-aid, under Forms).
- Include a detailed statement that explains the extenuating circumstances that prevented or resulted in the student not meeting the SAP standards.
- Attach documentation supporting specific circumstance(s) to the appeal form;
- Meet with an Academic Advisor and have the advisor complete an Academic Plan for Financial Aid;
- Submit the appeal, supporting documentation, and academic plan to the Office of Student Financial Assistance. After a thorough evaluation of the written request and all supporting documentation, the Financial Aid Review Committee will notify the student of the decision by email communication or the student may view the updated status on myUCF, under View Financial Aid Status.

For detailed SAP policy information, please refer to the Office of Student Financial Assistance website at ucf.edu/financial-aid/policies/satisfactory-academic-progress.

· Satisfactory Academic Progress Probation

Students who submit a SAP Appeal that is approved will be placed on Financial Aid Probation, and will be continued on Financial Aid Probation status as long as they successfully comply with the prescribed academic plan that is submitted as part of the SAP Appeal. Progression will be monitored during the probationary period at the beginning and end of each semester to ensure the student is following the prescribed academic plan and successfully matriculating through their program of study. Disbursements will not be made for a semester unless it is verified that the prior review (if applicable) was acceptable and student is in the proper classes for the term in question. All probation students must successfully complete a minimum of 67% of the credit hours that they attempt each semester. In addition, students on probation for GPA and/or completion ratio must make positive progression in the appropriate area(s).

· Transfer Students

Transfer students should pay close attention to priority filing dates. If a FAFSA for the year in question has already been filed, request that the federal processor forward the information to UCF, School Code 003954, by utilizing Part II of the Student Aid Report and adding the UCF School Code to the online FAFSA, or calling the Federal Student Aid Information Center at 1-800-4 FED AID. The To Do List on myUCF will indicate any required forms.

Transfer students expecting to receive the Florida Bright Futures Scholarship at UCF are required to contact the Florida Department of Education Office of Student Financial Assistance (OSFA) to transfer their scholarship from their previous institution to UCF. Students can call OSFA at 1-888-827-2004 or log onto the Bright Futures Scholarship website at <https://www.floridastudentfinancialaidsg.org/home/ApplyHere.asp> to transfer the scholarship to UCF.

· Independent Students

For the 2020-2021 aid year, students will be classified as independent for financial aid purposes if the answer to one or more of the questions below is yes:

- Were you born before Jan. 1, 1998?
- As of today, are you married? (Also answer "Yes" if you are separated but not divorced.)
- At the beginning of the 2021-22 school year, will you be working on a master's or doctorate program (such as an M.A., M.B.A., M.D., J.D., Ph.D., Ed.D., graduate certificate, etc.)?
- Are you currently serving on active duty in the U.S. armed forces for purposes other than training? (If you are a National Guard or Reserves enlistee, are you on active duty for other than state or training purposes?)
- Are you a veteran of the U.S. Armed Forces?*
- Do you now have—or will you have—children who will receive more than half of their support from you

between July 1, 2021, and June 30, 2022?

- Do you have dependents (other than your children or spouse) who live with you and who receive more than half of their support from you, now and through June 30, 2022?
- At any time since you turned age 13, were both your parents deceased, were you in foster care, or were you a dependent or ward of the court?
- As determined by a court in your state of legal residence, are you or were you an emancipated minor or does someone other than your parent or stepparent have legal guardianship of you, as determined by a court in your state of legal residence?
- At any time on or after July 1, 2020, were you determined to be an unaccompanied youth who was homeless or were self-supporting and at risk of being homeless, as determined by (a) your high school or district homeless liaison, (b) the director of an emergency shelter or transitional housing program funded by the U.S. Department of Housing and Urban Development, or (c) the director of a runaway or homeless youth basic center or transitional living program?

· **Transient Enrollment**

Students who have been approved to take classes at another institution while attending UCF might have those hours counted toward meeting financial aid requirements for some programs at UCF. Courses taken elsewhere must meet some major or general education requirements to be calculated as part of student aid eligibility. Transient enrollment will not meet eligibility criteria for institutional aid programs, such as UCF Grant, UCF Scholars Award or Pegasus Scholarships. Check the Program Eligibility Chart for detailed requirements for each program. Students who expect to receive funds under any of the federal loan programs must enroll for a minimum of six undergraduate hours at UCF in UCF classes to meet eligibility requirements.

UCF students attending a Florida public community/state college or university must complete the Transient Student Admission Application through Florida Shines at <https://www.floridashines.org/>.

UCF students attending any college or university other than a Florida public institution must submit the following documents to the Office of Student Financial Assistance on or before the withdrawal deadline of the term in which aid is to be disbursed:

1. Transient Notification Form for Financial Aid for Out of State and Private Institutions.
2. A copy of the Fee Invoice and Class Schedule from the transient (host) Institution.
3. A copy of the Transient Student Approval Form with required signatures from Academic Advisor, Academic Services (if required) and UCF Registrar's Office.
4. A completed Consortium Agreement Form signed by the transient school's Financial Aid Office.

Students who are enrolled in transient hours must make arrangements to pay tuition and fees at the visited school since there is no system for deferral of those tuition and fees. In addition, it is the student's responsibility to ensure that the visited school promptly provides the UCF Registrar's Office with academic transcripts at the conclusion of the term, confirming that the attempted hours are completed. This will help avoid Satisfactory Academic Progress problems.

Students may not receive financial aid from two institutions for the same semester. Students must decide which of the two institutions is the primary school at which they are degree seeking and apply for aid there. Any inaccuracy will result in a mandatory repayment to one of the two schools for the overpayment.

· **Over Awards**

An over award occurs when a student's award package has exceeded either the unmet need or Cost of Attendance. To prevent over awards, students are required to notify the Office of Student Financial Assistance of any potential awards not already listed on the student's financial aid award summary on the Student Center in myUCF. In the event of an over award, the student's award package is reduced to eliminate the over award, which may result in a repayment to the institution of the over award. This includes late scholarship notifications that may occur during the academic year. Students are advised to discuss the impact of receiving scholarship funding after other financial aid funds have disbursed with the financial aid office.

· **Refunds and Return of Title IV Funds**

Students should be aware that if they completely withdraw (officially or unofficially) from the university after having received financial assistance, they may be required to repay a portion of that assistance. Students who received Federal Direct Stafford Loans should also know that the Registrar's Office is required to notify the National Student

Loan Data System (NSLDS) of student withdrawals. This may change their loan deferment status with their loan servicer(s).

· Professional Judgment

There are some cases when the federal methodology used to determine a student's eligibility does not reflect the student's current situation. In these cases, special circumstances may be taken into consideration. Students with extenuating circumstances (i.e. loss of employment, divorce, death of parent/spouse, etc.) should contact the office to review their specific situation with a counselor. If a student presents extenuating circumstances, an appeal can be submitted to include support documentation for review. The appeal will be reviewed and a decision will be made through the Professional Judgment review process. Detailed information can be found at: ucf.edu/financial-aid/receive/professional-judgement.

· Repeated Coursework

Federal regulations state that students may only receive federal financial aid funding for one repetition of a previously passed course. As a result, any repeated course/s that the student enrolls in (current or future terms) cannot be used in the calculation of his/her enrollment level for financial aid purposes for that particular term, regardless of whether or not financial aid was received for the course(s). The repeated course(s), including the original attempt, must be counted towards maximum time frame and hours completion ratio requirements for Satisfactory Academic Progress purposes, which can impact a student's financial aid eligibility. For detailed information, visit ucf.edu/financial-aid/policies/repeat-coursework.

· Maximum Time Limitation on Direct Subsidized Loan Eligibility

There is a limit on the maximum period of time an undergraduate student can receive Direct Subsidized loans. First time Federal Direct loan borrowers on or after July 1, 2013, are subject to a maximum time period (measured in academic years) to receive Federal Direct Subsidized Loans. In general, students may not receive Direct Subsidized Loans for more than 150% of the published length of their program of study. This time limit does not apply to Direct Unsubsidized Loans or Direct PLUS Loans. Visit our website for more information.

· Excess Hours Surcharge

In 2009, the Florida Legislature implemented Section 1009.286, Florida Statutes to encourage students to complete their baccalaureate degree as quickly and efficiently as possible and established an excess hours surcharge. The bill requires universities to add a surcharge to each credit hour taken in excess of the total number of credit hours required to complete the degree being pursued. The amount in excess of the total hours is calculated based on a percentage defined in statute and is referred to by UCF as baseline hours limit. The amount charged per credit hour is a calculated amount referred to as the excess hour surcharge.

The financial aid office cannot increase students cost of attendance as a result of being charged the excess hour surcharge nor can federal financial aid be used to pay for this charge. State, institutional, and private funding can, however, pay this charge. The excess hour surcharge is a state statute and should not be confused with the federal SAP standards. Students are encouraged to meet regularly with their academic advisors to map out a timely completion of their degree. For more information, please refer to registrar.ucf.edu/excess-hours.

Undergraduate Admissions

- [Campus Visit Experience](#)
- [Application for Admission](#)
- [Limited Access Programs](#)
- [Orientation](#)
- [Admission Categories](#)
- [International Applicants](#)
- [Non-Academic Admission Clearances](#)
- [Transfer Credit: All Applicants](#)
- [Baccalaureate Honors](#)

Associate Vice President: Gordon D. Chavis, Jr.
Duke Energy University Welcome Center (UWC)
admissions.ucf.edu
407-823-3000
admission@ucf.edu

The Office of Undergraduate Admissions at the University of Central Florida coordinates the admission and enrollment of all undergraduate first-time-in-college, transfer, non-degree, and non-Florida public institution transient students to the university. The office's primary mission is to identify, attract, and enroll talented, diverse, and academically qualified students who will contribute to, achieve growth and success at, and benefit from attending the University of Central Florida.

The Office of Undergraduate Admissions seeks to attract students who are motivated, creative, and committed to academic excellence. The office will accomplish this through personal contacts, strategic communication, information management, and targeted recruitment. The office is dedicated to providing quality customer service through effective teamwork and through the development of collaborative partnerships with both internal and external communities.

The office administers several programs for prospective students and parents, including daily tours and information sessions, "Knight for a Day" open houses, area receptions for admitted students, and high school and Florida College System institution visits by admission representatives. It also provides the opportunity to meet one-on-one with an admission representative on campus. Please visit our website for further information. Office hours are Monday/Thursday 9 a.m.-6 p.m. and Tuesday/Wednesday/Friday 9 a.m.-5 p.m.

· Campus Visit Experience

Information sessions and campus tours are available through our "Campus Visit Experience". All freshmen (First-Time-In-College: FTIC) and transfer prospective students and their families are encouraged to participate. The Campus Visit Experience, which includes both an information session and tour of the campus, begins at the Duke Energy UCF Welcome Center at 10 a.m. and 2 p.m., Monday through Friday, except holidays. Reservations can be made by visiting our website at admissions.ucf.edu. "Transfer To Be A Knight" information sessions are held for prospective transfer students on select days throughout the year. Visit admissions.ucf.edu/transferknights for more information. Special requests may be accommodated and can be requested by visiting our website.

Admissions representatives are available to discuss particular concerns about admission to the University. You may contact the Office of Undergraduate Admissions at 407-823-3000 or visit us at our website. Information sessions and campus tours are also available for students interested in our UCF Downtown Campus and our Rosen College of Hospitality Management Campus. Go to <https://www.ucf.edu/admissions/undergraduate/visit/> to schedule a visit.

· Application for Admission

All interested applicants should complete the University of Central Florida "Undergraduate Admissions Application" online at admissions.ucf.edu and submit the \$30 (in U.S. Currency), non-refundable application fee. First-Time-In-College (FTIC) students can also apply using the Common Application at <http://www.commonapp.org>. Students should apply several months in advance of an anticipated start date and provide a completed file by the published application deadline. Questions concerning admission requirements and applications can be forwarded to admission@ucf.edu.

Applications for admission can be submitted up to one year prior to the start of the term desired. The application deadlines are May 1 for the Fall semester (July 1 for Transfer students), November 1 for the Spring semester, and March 1 for the Summer term. The priority deadline for most financial assistance and scholarships is December 1. Information regarding University housing can be found at housing.ucf.edu. Applicants can apply for housing once they are offered admission to the University. Requests for housing are subsequently reviewed according to the date of the receipt of the housing application. **The University does not discriminate based on race, color, ethnicity, national origin, religion, non-religion, age, genetic information, sex (including pregnancy, parental status, gender identity or expression, and sexual orientation), marital status, physical or mental disability (including learning disabilities, intellectual disabilities, and past or present history of mental illness), political affiliations, veteran status (as protected under the Vietnam Era Veterans' Readjustment Assistance Act), or membership in any other protected classes as set forth in state or federal law.**

Applicants should understand that this Undergraduate Catalog outlines minimum requirements to be considered for admission and that admission to the University is competitive. The satisfaction of minimum requirements does not

guarantee admission. Conversely, Florida Department of Education policy allows the University to admit students to any semester as exceptions to the minimum requirements. The Office of Undergraduate Admissions and the Admissions and Standards Committee are responsible for the admission of all undergraduate students under this exception policy.

Applicants must submit official transcripts from each educational institution attended to the Office of Undergraduate Admissions. Applicants must likewise submit official score reports for credit earned from each appropriate testing agency (e.g. AICE, AP, CLEP, or IB). To be considered official, supporting admissions documents must be received directly from the issuing institution or testing agency. All final supporting documents must be received by the Office of Undergraduate Admission no later than six (6) days after the first day of classes.

Note: Furnishing false or fraudulent statements in connection with an application for admission or residency declaration may result in disciplinary action, denial of admission, loss of financial aid, and invalidation of credits or degrees earned.

Those enrolled students who have not submitted official completed records by the deadline will be placed on administrative hold. Students with these incomplete records will not be permitted to register for a future term until all official transcripts and other required documentation have been received. If, upon review of final transcripts, student records are not satisfactory, they may be placed on academic probation, have their admission status revoked, changed to non-degree or transient status, may become ineligible for financial assistance, and may, in some cases, be withdrawn from the University. In addition to the required documentation mentioned above, students must have a satisfactory conduct record at all schools attended.

The University of Central Florida participates in the [National Council for State Authorization Reciprocity Agreements](#). More information regarding geographical authorizations and restrictions is available at registrar.ucf.edu/restrictions.

Reactivation

Students who have submitted an application for admission to UCF as a degree-seeking student and do not attend, may reactivate the original application **within one year** of the term for which they first applied. To update the application, students should complete the Reactivation Form by the published application deadline date. This form can be found online at admissions.ucf.edu/forms. This process reactivates the application only; additional official credentials may be required. Admission for one term does not guarantee admission for a future term.

Limited Access Programs

Admission to the University does not guarantee admission to a limited access program. Some majors at the University limit the number of students who may enroll. Limited access status occurs when student demand exceeds available resources (e.g., faculty, instructional facilities, equipment) or when specific accrediting requirements apply. Criteria for admission are selective and include indicators of ability and indicators of performance, creativity, or talent to complete required work within the program.

Orientation

All first-time undergraduate degree-seeking students are required to attend orientation prior to enrollment. Orientation information is emailed to all FTIC students offered admission who have submitted their enrollment deposit and to all transfer students offered admission to the University. Information regarding orientation may also be viewed on the website at orientation.ucf.edu.

Admission Categories

Students may submit applications to the University for one of the following categories:

1. Freshman (First-Time-In-College: FTIC)
2. Dual Enrollment/Early Admission (includes early admission and dual enrollment, on- or off-campus)
3. Transfer*
4. Second Bachelor's Degree

5. Transient (one term enrollment only, not from a Florida public institution)**
6. Non-Degree Seeking (not including students who have already earned a bachelor degree)***
7. Limited Non-Degree Seeking****
8. Special Non-Degree Seeking (includes students participating in specific non-degree seeking programs including ROTC, Study Abroad only, Marching Band only, and Rosen College exchange programs)

*Transfer students with 60 semester hours or more may also designate one of many UCF Connect sites as well as a UCF Online-only program. Please refer to the application.

**Students applying as transient from a Florida public institution should apply through Florida Shines at <http://www.floridashines.org>.

***Students who have already earned a bachelor degree and wish to attend as non-degree seeking should follow the procedure through our Graduate Admissions Office located at admissions.graduate.ucf.edu/nondegree_applicants.

****Please see the "Academic Regulations and Procedures" section of this catalog for this admission category.

Freshman Applicants

Any FTIC student who meets minimum admission requirements as stated in Florida Board of Governors Regulation 6.002 is encouraged to submit an application. Meeting these minimum requirements does not guarantee admission. An applicant's total high school record (including grades, test scores, educational objective, quality of courses completed, essay, and personal achievements and honors) will be considered in the selection process. The University reaffirms its Equal Educational Opportunity (EEO) commitments and seeks to increase diversity among the student body.

High School Diploma

Freshmen who are applying for admission to the University are required to have a standard high school diploma (or the equivalent) or a General Equivalency Diploma (GED).

Entrance Examination Scores

All FTIC applicants for admission must submit test scores from the SAT Reasoning Test, redesigned SAT (rSAT) or the ACT. UCF superscores both the SAT and the ACT.

High School Academic Units and Grade Point Average

All applicants must have earned a minimum number of high school academic units (year-long courses that are not remedial in nature) to be considered for admission. A grade point average (GPA) will be computed only on academic courses. Plus(+) and minus(-) will not be included in the high school GPA recalculation. Grades in International Baccalaureate (IB), Advanced Placement (AP), Cambridge Advanced International Certificate of Education (AICE), honors and dual enrollment courses will be given additional weight in the computation of the academic GPA. The high school academic unit requirements are as follows:

Academic Subjects	Units Required
English (three of which must have included substantial writing)	4
Mathematics (at or above the Algebra I level)	4
Natural Science (two of which must have included substantial laboratory requirements)	3
Social Science (included: history, civics, political science, economics, sociology, psychology, and geography)	3
Foreign Language (both credits must be in the same language)	2
Additional academic electives from the above five subject areas and courses recommended by the Florida Association of School Administrators, or other groups, and courses recommended by the Articulation Committee and approved by the Department of Education	2
TOTAL UNITS:	18

Applicant Eligibility

As stated in Florida Board of Governors Regulation 6.002, an FTIC student shall be considered as meeting minimum

SUS eligibility requirements in one of the following ways:

1. A 3.00 or higher high school grade point average (GPA) on a 4.00 scale as calculated by the university, presenting an official SAT and/or ACT score, and meeting all high school academic unit requirements above.
2. A 2.50-2.99 high school grade point average (GPA) on a 4.00 scale as calculated by the university, presenting an official SAT and/or ACT score, meeting the requirements for college-level placement per Board of Governors Regulation 6.008 below and all high school academic unit requirements above.

SAT (taken prior to March 1, 2016)	
Critical Reading	440
Mathematics	440

SAT (taken March 1, 2016 and after)	
Reading Test	24
Writing and Language Test	25
Math Test	24

ACT	
Reading	19
English	17
Mathematics	19

Each state university reserves the right under Florida BOG regulation 6.002 to establish admission criteria that exceeds Florida BOG minimums.

- Admission to the University is limited by space availability. The degree of competition for space depends on the number and qualifications of those who apply for admission. To increase the chance of admission, high school students should present credentials that are stronger than the minimum requirements for consideration as listed above. If the number of qualified applicants exceeds the number that the University is able to enroll, a waiting list will be established.
- A student applying for admission who does not meet established requirements may bring to the University other important attributes or special talents and may be admitted if, upon appeal and in the judgment of the Admissions and Standards Committee, the student can be expected to do successful academic work. The University will provide appropriate advising for each student admitted under this alternative.
- Students who have been enrolled in dual enrollment courses will be required to have a minimum "C" average (2.0 GPA) for all completed dual enrollment course work.
- A student must demonstrate competency of foreign language or American Sign Language equivalent to the second high school level or higher (Spanish 2, Haitian Creole 2, etc.) or at the elementary 2 level in one foreign language or American Sign Language at an undergraduate institution to be offered admission.

Dual Enrollment/Early Admission Applicants

High School students who have demonstrated exceptional academic ability may be permitted to enroll as university students while completing their high school programs. There are three types of dual enrollment programs:

1. **Early Admission** is for students who have typically completed their junior year in high school and would like to enroll at the University as full-time students for their senior year of high school to complete their high school graduation requirements. Students must submit an application for admission by the published application deadline date. In addition, the following information is required:
 - official copy of high school transcript(s);
 - official copy of SAT Reasoning Test, redesigned SAT (rSAT), or ACT; and
 - Completed Early Admission/Dual Enrollment Authorization Form
2. **Dual Enrollment On-Campus** is for students who desire to dual enroll on a part-time basis, taking one or

two courses on campus, while completing their high school course work. Students must submit an application for admission by the published application deadline date, as well as all items listed above. Additional documentation may be required.

3. **Dual Enrollment Off-Campus** is for students whose high schools sponsor on-site courses at specific high schools. Students earn both high school and college credit for successful completion of course work. Each respective high school selects students who are eligible to participate in these programs. Contact your high school guidance office for detailed information.

Transfer Applicants

Any Transfer student who meets minimum admission requirements as stated in Florida Board of Governors Regulation 6.004 is encouraged to submit an application. Students should apply online at admissions.ucf.edu and arrange to have official transcripts sent from all colleges attended. The Office of Undergraduate Admissions computes a grade point average (GPA) for each institution attended, as well as a cumulative GPA on all college courses attempted. This computation does recognize plus or minus grades and only recognizes grade forgiveness when it is used as part of an awarded statewide articulated Associate in Science degree or an Associate in Arts degree from a Florida public institution. Applicants must have a cumulative minimum GPA of 2.0 as well as a minimum GPA of 2.0 and be in good standing as a degree-seeking student at the last institution attended to be considered for admission to UCF. **Meeting these minimum requirements does not guarantee admission.**

Transfer students are required to complete at least 30 hours in residence at UCF to earn a bachelor's degree. In addition, students must complete 48 hours in residence at UCF to be eligible to receive baccalaureate honors recognition at the time of graduation.

Transfer Applicants with Fewer Than 60 Credit Hours

Transfers with less than 30 transferrable semester hours: Must minimally meet all requirements listed in the Freshman Applicants section above. They must also have at least a 2.0 GPA on a 4.0 system for all college-level academic courses attempted and be in good standing (minimum 2.0 GPA) and eligible to return as a degree-seeking student to the last institution attended. Meeting these minimum requirements does not guarantee admission.

Transfers with 30 or more but less than 60 transferrable semester hours: Must minimally have successfully completed (C or higher) at least one English Composition course and one college level mathematics course that consists of three (3) semester credit hours, as well as demonstrated foreign language competency equivalent to the second high school level or the elementary 2 level at an undergraduate institution. They must have at least a 2.0 GPA on a 4.0 system for all college-level academic courses attempted and be in good standing (minimum 2.0 GPA) and eligible to return as a degree-seeking student to the last institution attended. High school transcripts may be required to demonstrate completion of the foreign language admission requirement. Students not meeting these requirements must meet the requirements for transfer students with less than 30 transferrable semester hours. Meeting these minimum requirements does not guarantee admission.

Transfer Applicants with an A.A. Degree from a Florida Public Institution

Admission of Associate in Arts (A.A.) degree graduates from Florida College System institutions and Florida state universities is governed by the Articulation Agreement between the state universities and Florida College System institutions of Florida, as approved by the State Department of Education. The agreement states: The associate in arts degree is the basic transfer degree of the Florida College System institutions. It is the primary basis for admission of transfer students from Florida College System institutions to upper division study in a state university. Every associate in arts graduate of a Florida College System institution shall be granted admission to an upper division program consistent with Section 1007.23, F.S. Admission to each student's preferred public postsecondary institution or program is not guaranteed.

Any student admitted without demonstrated competency in a foreign language or American Sign Language equivalent to the second high school level or the elementary 2 level at an undergraduate institution must satisfy the admission requirement prior to graduation. Florida College System institution Associate in Arts graduates are guaranteed the following rights under the Statewide Articulation Agreement (State DOE Rule 6A-10.024):

1. Admission to one of the twelve state universities, except to "limited access" programs (programs that have additional admission requirements);

2. Acceptance of at least 60 credit hours by the state universities toward the baccalaureate degree;
3. Transfer of equivalent courses under the statewide Course Numbering System;
4. Acceptance by the state universities of credit earned in accelerated programs (e.g., CLEP, AP, PEP, Dual Enrollment, Early Admission, and International Baccalaureate);
5. No additional General Education Core requirements;
6. Advanced knowledge of selection criteria for limited access programs; and
7. Equal opportunity with native university students to enter limited programs.

Should any guarantee be denied, students have the right of appeal through the Office of Undergraduate Admissions and the Admissions and Standards Committee.

Transfer Applicants - More Than 60 Hours, Have Not Received an A.A. Degree from a Florida Public Institution

Undergraduate transfer applicants who desire to be admitted as upper division students must have met, at least, all of the following requirements:

- A minimum of a 2.0 GPA and 60 credit hours of academic course work;
- The English and Mathematics requirements of the Gordon Rule; and,
- Demonstrated competency at the elementary 2 level in one foreign language or American Sign Language at an undergraduate institution. This requirement applies to those students without the required demonstrated proficiency equivalent to the second high school level.

Meeting these minimum requirements does not guarantee admission.

Second Bachelor's Degree Applicants

Second Bachelor's Degree applications are processed by the Undergraduate Admissions Office or the Registrar's Office. Guidelines for which office students should make application to are outlined as follows:

- Students who **have never attended** the University of Central Florida as degree seeking undergraduate students must apply to the **Office of Undergraduate Admissions**. Students should complete the undergraduate admissions application online at admissions.ucf.edu.
- Students who **have previously attended** the University of Central Florida as a degree-seeking undergraduate student should apply through the Registrar's Office. These students should follow the Readmission procedure located online at registrar.ucf.edu/readmission-application.

Credits from a Previous Baccalaureate Degree

Graduates from other accredited institutions of higher education (meeting university transfer eligibility requirements) who apply for admission to work toward a second undergraduate degree must meet the regular requirements of the university (as defined in the "Undergraduate Degree Requirements" section of this Undergraduate Catalog). Students must meet all transfer GPA requirements. A baccalaureate degree or higher from another accredited institution of higher education (meeting university transfer eligibility requirements) satisfies the General Education Program requirements and also provides exemption from the foreign language requirements for admission and graduation.

Note: A baccalaureate degree or higher from a non-US institution with fewer than the equivalent of 120 credit hours will not automatically be credited as a baccalaureate degree. Students will be classified according to the number of semester credit hours earned rather than a second-degree seeking applicant. A baccalaureate degree from a non-US institution will not automatically satisfy the General Education Program requirements. If a baccalaureate degree from an accredited institution of higher education (meeting university transfer eligibility requirements) includes credit from a non-recognized institution, the credit from the non-recognized institution may not be included as transfer credit. This would result in the transfer of less than the total number of credit hours awarded within the baccalaureate degree.

Transient Student Applicants

A student in good standing with a minimum 2.0 GPA at the last accredited institution of higher education (meeting university transfer eligibility requirements) attended who desires to enroll for one term at UCF may be considered for admission as a transient student. Such enrollment terminates at the end of one term and does not presuppose degree-seeking admission to the University. A transient student must submit an official transcript from the last institution attended. Transient student applications must be received by the appropriate application deadline. If a

student's last school of attendance is a Florida public institution, they must apply through the Florida Shines website at <http://www.floridashines.org>. Transient students are not eligible to receive financial aid. Registration is permitted on a space-available basis. Meeting the minimum GPA requirements does not guarantee admission.

Non-Degree Seeking Applicants

A student who wishes to attend UCF, but not work toward a degree and has not already earned a bachelor's degree, must apply to the Office of Undergraduate Admissions as a non-degree seeking student. Non-degree seeking applicants must follow the same procedure and must meet the same admission requirements as transfer applicants. Please see the details on the previous page for transfer applicants. **Meeting minimum admission requirements does not guarantee admission.**

A student who has already earned a bachelor's degree and wishes to attend as non-degree seeking should follow the procedure through our Graduate Admissions Office located at application.graduate.ucf.edu/#/.

International Applicants

The University of Central Florida is authorized under federal law to enroll students on non-immigrant visas. All international candidates applying for admission to UCF must submit a University of Central Florida Undergraduate Admissions Application online at admissions.ucf.edu. Because of additional processing time needed for non-immigrant students joining UCF on F-1 or J-1 visas, those students should submit the application and all required academic documentation by the international application deadlines, as follows: Fall: **March 1**; Spring: **September 1**, and Summer: **January 1**.

The following items will be needed in order to review an application for admission. Specifics regarding which documents are required for freshman and transfer students can be found on our International Applicants page: admissions.ucf.edu/apply/international.

- UCF admission application with the required \$30.00 non-refundable application fee (credit card or e-check online, check or money order in U.S. currency). The online application is available on our website at admissions.ucf.edu. First-Time-In-College (FTIC) students can also apply using the Common Application at <http://www.commonapp.org>.
- Students who attend/have attended an international secondary school must submit official transcripts, graduation certificates, and/or exam results of all secondary work to UCF. If you have questions regarding required documentation, please refer to the reference guide by country at: ucf.edu/admissions/undergraduate/wp-content/uploads/sites/4/2018/11/Intl-Secondary-School-Credentials-Country-Reference-Guide-v.-1.0.pdf. All documentation submitted in a language other than English must be accompanied by a literal translation performed by a certified translator at the issuing institution, government agency, or by a translator certified by the American Translators Association https://www.atanet.org/clients/client_certified_translation.php.
- Official AP, IB, AICE, CLEP, CAPE, and GCE A/AS Level score reports for exams taken. CAPE and GCE AS/A-Level examinations results, not granted by Cambridge Assessment International Education, will need to be submitted for evaluation by one of these agencies: Josef Silny & Associates or World Education Services.
- If the student has attended any international universities, an English translation and evaluation of work completed at each institution will be necessary. Transcripts should be sent to one of the agencies below for a course-by-course evaluation. Please note that if 60 or more transferable credit hours have been earned at a post-secondary institution, it will not be necessary to submit the secondary school records and SAT/ACT scores. In specific instances, for applicants with 30 to less than 60 transferable credit hours, it may also be unnecessary to submit these documents as well. Please go to admissions.ucf.edu/30-or-more-fewer-than-60/ for more information.
- Demonstrated English proficiency can be evidenced by one of the following:
 - proof that the student is from a country where English is the **only** official language
 - establishing that a prior bachelor's, master's or doctoral degree was earned from an accredited institution of higher education (meeting university transfer eligibility requirements) in the United States
 - establishing that a prior bachelor's, master's or doctoral degree was earned from a country where English is the only official language, or a university at which English is the only official language of instruction
 - submitting a qualifying score on the Test of English as a Foreign Language (TOEFL) or International English Language Testing System (IELTS). Qualifying scores for undergraduate applicants are a TOEFL computer-based score of 220, a TOEFL internet-based score of 80, a TOEFL paper-based score of 550,

- or an IELTS score of 6.5
- presenting a minimum 520 EBRW rSAT score or 480 Critical Reading SAT or 20 ACT (English section)
- completion of 4 years of English at a secondary school in the U.S.
- completion of the English Language Institute's (ELI) level 8 or higher with a grade of a "B" or better
- completion of EAP 2851 with a grade of a "C" or better or placement into ENC 1101
- an onsite assessment by UCF ELI faculty qualified to administer English proficiency assessment and determining that the student is English proficient at the university level
- Results of the SAT Reasoning Test, redesigned SAT (rSAT), or ACT will be required if the student has earned less than 30 credit hours of college credit and may be required if the student has earned at least 30 but less than 60 transferrable semester hours. Information regarding these examinations may be obtained from the College Board (SAT) at <http://www.collegeboard.org> (UCF code: 5233) or from ACT at <http://www.act.org> (UCF code: 0735). While there are no specific minimum score requirements for these examinations for admission, they are used in conjunction with other required credentials, and students should prepare sufficiently to achieve the highest possible score on these exams.

F-1 applicants must complete and submit required financial and immigration documents with **UCF Global** by the term specific deadline, including financial documents indicating financial support to cover educational and other expenses for the first year of study. These documents can be found online at <https://global.ucf.edu/international-students-scholars-%20and-professionals/international-admissions/undergraduate/>.

Educational Translations and Evaluations

Foreign diplomas must meet the requirements specified in Florida Statutes, section 229.814. UCF will accept evaluations of academic credit from these agencies:

Josef Silny and Associates/World Education Services

<http://www.jsilny.org> <http://www.wes.org>

Mandatory Health Insurance for International Students on F and J Visas

Each international student on a F or J visa offered admission and dependents of J visa students shall, prior to registration for classes, submit proof of required health insurance coverage to UCF Student Health Services to comply with the State of Florida mandatory health insurance requirement for F and J students. Minimum coverage limits are posted on the Student Health Services website at studenthealth.ucf.edu. Use the link for International Students that directs you to information specific to the UCF-endorsed health insurance plan that meets all the State of Florida requirements. Proof of insurance coverage must be submitted to Student Health Services via the online submission system and may not be submitted via email.

The University reserves the right to refuse registration to any international student on F or J visa who fails to comply with this insurance requirement or who is unable to supply satisfactory proof of insurance. The University also reserves the right to withdraw from classes any international student who fails to maintain insurance coverage, cancels insurance coverage while still enrolled as a student, or avoids in any way the responsibility to comply with the insurance requirement. For questions, call UCF Student Health Services at 407-823-6295 or go to their website noted above.

Non-Academic Admission Clearances

Florida Board of Governors Regulation 6.001 (7) authorizes universities to refuse admission to applicants due to past misconduct. The University further requires the Vice President For Student Development and Enrollment Services or his/her designee to review all applications disclosing information regarding any prior criminal conviction or conduct problem at another institution and to make a decision as to whether the admission of this applicant will be in the best interest of the University. This statement describes the procedure and assigns responsibility for the review of these applications for admission. Applicants who fail to disclose any prior criminal conviction or conduct problem at another institution and such fact is subsequently discovered by the University, shall be denied admission or readmission, or may receive any other academic and/or disciplinary action prescribed by the University, including but not limited to academic dismissal.

Transfer Credit: All Applicants

All grades from an accredited institution of higher education (meeting university transfer eligibility requirements) in transfer courses that are normally part of a baccalaureate degree program are shown on the student's permanent UCF record. Effective Fall 2001, the University recognizes a grading system of plus or minus. In addition, grade

forgiveness is honored only if it has been awarded as part of an AA or a specific statewide articulated AS degree from a Florida public institution. Credit is not awarded based on job descriptions, life experience, course work that is non-academic, or transfer course work from within a baccalaureate degree earned from an accredited institution of higher education that does not meet university transfer eligibility requirements.

Accredited Institutions

For the purposes of this Undergraduate Catalog, "Accredited Institutions" means those colleges and universities accredited by any of the following seven associations:

- Middle States Commission on Higher Education (MSCHE)
- New England Association of Schools and Colleges, Commission on Institutions of Higher Education (NECHE)
- North Central Association of Colleges and Schools, Higher Learning Commission (HLC)
- Northwest Commission on Colleges and Universities (NWCCU)
- Southern Association of Colleges and Schools Commission on Colleges (SACSCOC)
- Western Association of Schools and Colleges, Accrediting Commission for Community and Junior Colleges (ACCJC)
- Western Association of Schools and Colleges, Senior College and University Commission (WSCUC)

The accreditation status of all foreign institutions **must** be evaluated through either Josef Silny and Associates, Inc. or World Education Services.

All college-level credits earned for which official transcripts or evaluations have been submitted will be compiled into the Transfer Credit Evaluations page in the myUCF portal. Some transfer credit may not be applicable toward graduation course requirements. The Transfer Credit Evaluations page will be the basis for constructing a Degree Audit, which applies earned credits to the intended degree program. The Degree Audit provides the student with an assessment of which degree requirements have been met and what remains to be satisfied. Although all college-level course work transferred from an accredited institution of higher education (meeting university transfer eligibility requirements) or the equivalent on an international evaluation from WES or JS&A is shown on the Transfer Credit Evaluations page and the UCF transcript, applicability of the course toward a degree requirement **is determined by the college/school/department of the major that owns the course.**

General Education Transfer Credits

Transfer students from a Florida College System institution or state university may satisfy the General Education Program requirements of UCF by completing the general education program prescribed by that institution. Transfer applicants with incomplete general education programs will have their credits evaluated on a course-by-course basis.

Transfer courses from a Florida state institution must have been Gordon Rule eligible at that institution during the semester when the course was taken. Transfer courses from out-of-state and private institutions must be evaluated for equivalency to a UCF Gordon Rule course.

When the transfer course work is evaluated for equivalency (usually during the first semester at UCF), course descriptions and other information to provide a sufficient basis for evaluation may be requested. Substitution requests for college or major requirements are to be submitted to the college advising office.

Credits from Private and Out-of-State Institutions

Transfer credit from private junior and senior colleges and out-of-state institutions will be evaluated on a course-by-course basis. Each student must submit the necessary petition(s) to the appropriate college/school/department of the major that owns the course to determine which courses will transfer with regard to degree progress at UCF. Transfer courses that meet the requirements of the General Education Program and the Gordon Rule are determined through the process described in the "Undergraduate Degree Requirements" chapter of this Undergraduate Catalog. Petition procedures vary by college. Generally, the petitioning of transfer courses for satisfaction of college and major requirements should be done during the second full term of the student's residency at UCF, so that the accepted transfer courses are understood clearly by the student and the faculty advisor early in the student's tenure at UCF.

Credits from Military Service School Courses

Completed military service school courses may be evaluated on the basis of the recommendations of the American Council of Education (ACE) when official credentials have been properly presented. While credit may be granted

when courses are equivalent to those offered by the University, recommendations by the ACE are not binding upon the University. Even though military records may have been evaluated by another accredited institution of higher education (meeting university transfer eligibility requirements), it is important to have official credentials sent to UCF for evaluation. Credit is not awarded for basic training. More information about Special Provisions for Veterans and Active Duty Military Students can be found [here](#).

Baccalaureate Honors

Transfer students should be aware that eligibility for graduation with baccalaureate honors requires the completion of a minimum of 48 credit hours at UCF and is based upon an overall grade point average (including all transfer credit). For more details, refer to "Academic Honors" within the "Academic Regulations and Procedures" section of this Undergraduate Catalog.

University Campuses and Resources

- [The University](#)
- [UCF Online and Online Courses](#)
- [UCF Mobile App](#)
- [UCF Downtown](#)
- [Central Florida Research Park](#)
- [Libraries](#)
- [Endowed Chairs](#)
- [University Ombuds Office](#)
- [UCF Public Safety and Police](#)
- [Information Technologies and Resources](#)
- [Intercollegiate Athletics](#)
- [Graduation Rate Disclosure](#)
- [Addition Financial Arena, The Venue, and Knights Plaza](#)
- [Campus Bookstores](#)
- [Parking and Transportation Services](#)
- [Orlando Shakespeare Theater in Partnership with UCF](#)
- [UCF Alumni](#)
- [UCF Foundation, Inc.](#)

The University

407-823-2000

ucf.edu

The University of Central Florida is one of the nation's largest universities with more than 70,000 students and is located in one of the most dynamic communities in the nation — the Orlando metroplex. UCF's 1,415-acre main campus has about 600 acres set aside for lakes, woods and an arboretum.

With 13 colleges offering more than 220 degree programs, UCF is an academic and research leader in many fields, including optics and photonics, modeling and simulation, engineering, computer science, business, education, life sciences, hospitality management, digital media and others. The College of Medicine, which graduated its first M.D. students in 2013, is the centerpiece of a medical city at Lake Nona bustling with future doctors learning about the latest advances in health care, patients receiving high-quality care, and scientists seeking cures for cancer and other diseases.

Students attend classes on UCF's main campus in east Orlando and 15 satellite facilities throughout Central Florida. We confer more than 15,000 degrees annually, leading all other universities in Florida. Minority enrollment has reached an all-time high of 48 percent, and one of four UCF students is the first in their family to attend college.

Innovation and Value: UCF is ranked among the nation's top 20 most innovative universities by *U.S. News & World Report*, and the Carnegie Foundation classifies the university as a "highest research activity" institution, which is the foundation's top ranking. UCF is recognized as a best-value university by Kiplinger and the Princeton Review and one of the nation's most affordable colleges by *Forbes*.

Attractive Amenities: The 45,000-seat Bounce House stadium and the 10,000-seat Addition Financial Arena opened in 2007 on the campus. Nearby, Knights Plaza includes residence halls and various restaurants and retail shops that cater to students, employees and area residents.

UCF's Recreation and Wellness Center features a three-story climbing tower, an indoor track and fitness equipment. The Student Union offers computer labs, study lounges, ballrooms and meeting rooms, popular eating establishments and a shopping mall. A state-of-the-art health center supports a full-service clinic with on-site professionals, X-ray capabilities, pharmacy, dental clinic, medical laboratory and physical-therapy services.

The Career Services and Experiential Learning building features private interview rooms, including a boardroom-style suite where cameras can record students' practice interviews.

At Technology Commons, students can test and purchase the latest computer products and produce podcasts and video presentations. A performing arts center provides music and theatre students with high-tech classrooms and rehearsal spaces.

National University to Watch: The new UCF Downtown campus in conjunction with Valencia College opened in Fall 2019. This innovative campus serves more than 7,000 students for learning and internship opportunities.

Overall, UCF ranks 27 programs among the top 100 in their fields nationally, according to *U.S. News & World Report*. The Bill and Melinda Gates Foundation cites UCF as an example of what the future of higher education should look like. In 2018, Gates wrote that the university is succeeding by "reducing costs, boosting its graduate rate and expanding access for low-income and first-generation students."

UCF Online and Online Courses

855-903-8576

ucf.edu/online

For students looking for convenience and flexibility, UCF offers a wide selection of undergraduate majors, minors and certificates that can be completed entirely with online courses. Visit ucf.edu/online/bachelors to view the full list of programs that are currently offered entirely online through UCF Online, an initiative developed at UCF to provide support and assistance to students who wish to complete their program exclusively online. Newly admitted students who choose this option may not enroll in classes with scheduled face-to-face meetings. This includes classes coded P (face-to-face instruction), RA (active learning reduced seat time), RS (Video Streaming/Reduced Seat Time) and M (Mixed mode/reduced seat time).

Students enrolled as a UCF Online student are exempt from some campus-based fees and are restricted from those corresponding campus-based services, such as the Recreation and Wellness Center and Student Health Services. UCF Online students, however, do have access to all academic and support services, including financial aid, advising, library services, and career services. UCF Online students also benefit from the support of a dedicated success coach, who are assigned to each UCF Online student and are specifically trained and enabled to meet the needs of students without regular access to UCF's physical campuses. See ucf.edu/online for more information.

The University of Central Florida has been approved by Florida to participate in National Council for State Authorization Reciprocity Agreements. The reciprocity agreements allow for the open delivery of academic credit-earning activities in participating states, including academic field experiences such as internships or practicums. More information is available at registrar.ucf.edu/restrictions.

Online Courses

UCF offers hundreds of online courses to all students every semester. The online course materials and methods have been developed by UCF faculty members to maximize the learner's achievement of course and program objectives and to provide students with convenient and flexible learning opportunities.

Support for all students in online courses is available at cdl.ucf.edu/support/student/. Online courses are identified in the Class Schedule Search available at my.ucf.edu. In the Additional Search Criteria section, use the drop-down list next to Mode of Instruction to search for the values described below.

Online instruction modes are:

WORLD WIDE WEB (W): These are courses conducted via web-based instruction and collaboration. Some courses may require minimal campus attendance or in-person/proctored examinations.

VIDEO STREAMING (V): These are courses delivered over the web via streaming digital video which may be supplemented by additional web activity, projects or exams.

VIDEO STREAMING/REDUCED SEAT TIME (RS): In these courses, classroom-based content is available over the web via streaming video and some classroom attendance may be required. Activities that supplement video instruction may include any of the following elements: web activity, in-person or proctored examinations, and labs. Classroom activities are limited to no more than 20% of the instructional time over the course of the semester. See course notes for details. Note: Additional classroom attendance is required for international students in F-1 or J-1 status.

MIXED-MODE/REDUCED SEAT TIME (M): These courses include both required classroom attendance and online instruction. Classes have substantial activity conducted over the web, which substitutes for some classroom meetings.

ACTIVE LEARNING REDUCED SEAT TIME (RA): These courses utilize web-based learning technologies as the primary instructional medium within a blended course combining required face-to-face and online elements. Classes have substantial activity conducted online, and classroom activities are limited to no more than 20% of the instructional time over the course of the semester.

Personalized Adaptive Learning (PAL): This is a class attribute that may apply to any type of course (e.g. P, W, M, RA). Class attributes are displayed in the course description returned by the class search tool in my.ucf.edu. In a PAL course, a portion of the overall online content is delivered via an adaptive learning system that customizes objective-driven content and assessments to create a personalized learning path for each student according to their knowledge, skills, and learning needs.

UCF Mobile App

ucfmobile.ucf.edu

Access UCF information and services anytime, anywhere by using your iOS and Android smartphone or tablet with the free UCF Mobile app. Quickly access popular features of myUCF, connect to online courses through the Canvas Student app, check Knights Email, check your Knight Cash balance, catch a ride on campus shuttles, find parking, and report issues with UCF Tips. Use the app to stay informed with the latest in UCF News, events on campus, UCF athletics updates, and emergency information. Find your way around campus with the more than 800 points of interest on the campus map, information about student and wellness services, dining information/menus and request a SafeWalk to safely navigate the campus. UCF Mobile is also the mobile companion to many campus and community events such as Orientation, Pegasus Palooza, Homecoming, Knight-Thon and more. Stay in the know with push notifications about campus events, news, and emergencies, or subscribe to one of the many opt-in channels to get the information that's most important to you.

Registered UCF student organizations who have interest in participating in the UCF Mobile app are invited to visit UCF's Mobile Strategy website at digitallearning.ucf.edu/msi or contact the program director at ucfmobile@ucf.edu.

UCF Downtown

(in partnership with Valencia College)
500 W. Livingston St.
Orlando, FL
407-823-3573
ucf.edu/downtown/

UCF Downtown, in partnership with Valencia College, brings more than 7,000 students to live, learn and work in downtown Orlando, creating a game-changing campus in the heart of our great city. Opened in Fall 2019, this transformational campus provides innovative education for high-demand fields that integrate with industry and places thousands of students within walking distance of jobs and internships.

The following Undergraduate Degree Programs can be completed at this location:

- Communication and Conflict (B.A.)
- Digital Media (B.A.)
- Emergency Management (B.A./B.S.)
- Health Informatics and Information Management (B.S.)
- Health Services Administration (B.S.)
- Human Communication (B.A.)
- Legal Studies (B.A./B.S.)
- Nonprofit Management (B.A./B.S.)
- Public Administration (B.A./B.S.)

Central Florida Research Park

The Central Florida Research Park, adjacent to the main UCF campus, is a University-related research park established as a result of legislation passed by the Florida Legislature in 1978. The Research Park is a cooperative effort between UCF, the Orange County Research and Development Authority, and the Orange County Board of County Commissioners (which appoints the members of the Authority). The governing body of the Research Park is the Orange County Research and Development Authority.

The objectives of the Central Florida Research Park are in keeping with the legislative action that enabled its creation "to encourage and promote the establishment of research and development activity combining the resources of institutions of higher learning, private sector enterprise involved in pure or applied research, and state or federal governmental agency research."

The ultimate goal of University-related research parks is to establish an academic/industrial community. The University and officials of the Central Florida Research Park believe that the potential for the establishment of close ties between the University and industry will create an environment conducive to the location of research-oriented industry in the Research Park. This activity will enrich and support the academic, teaching, and research programs of the University. The University, in turn, can provide the necessary expertise and human resources to enhance the research and development activities required and planned by Research Park residents.

The Central Florida Research Park consists of over 1,000 acres of land. Businesses desiring a "university relationship" can purchase or lease land in the Research Park on which to construct a facility or can lease space for office, office/lab, or light manufacturing activities.

Research Park tenants are involved with the University of Central Florida through sponsored research, using faculty as consultants, and using graduate and undergraduate students for intern programs and part-time employment. Research Park tenants can also contract with the University for use of the library, computer resources, and laboratory facilities. Cooperative projects range from technical research to developing business plans and employee training programs.

University Libraries

Interim Director of University Libraries: Frank Allen

John C. Hitt Library (LIB) 512

407-823-2564

library.ucf.edu

University Libraries offers a variety of information resources and services. An extensive resource collection includes 2.2 million volumes, 52,000 journal subscriptions, 3.3 million microforms and 52,000 media titles. The Libraries' electronic resources include 511 databases and 243,000 e-books.

The **John C. Hitt Library** on the main campus is open 105 hours per week. Operating hours are available at <https://library.ucf.edu> or by calling (407) 823-2756.

- 375 computer workstations are available for public use on all five floors.
- 455 Laptop PCs, Windows and Mac, can be checked out for use anywhere in the library.
- 130 iPads are available for a one-week checkout.
- DSLR and Mirrorless Cameras, Webcams, Microphones, Projectors, PA Speakers, Portable Battery packs for mobile device charging, Photo/Video Lighting, A/V Adapters & Cables are available for checkout, and much more! Full listing of items is at library.ucf.edu/libtech
- Campus-wide WiFi enables patrons to connect personal mobile devices to the Libraries' electronic resources, Internet, and Wireless Printing
- Group study rooms are available for students and can be reserved in advance through library.ucf.edu/studyrooms
- Recording Studio (Photo / Video / Podcast) can be reserved by appointment at library.ucf.edu/libtech
- SGA-Funded Free Student Printing (\$2 per week) available in all library locations
- The automated retrieval center (ARC) allows robotic storage to increase collaborative learning spaces such as the fourth floor multipurpose and reading rooms.
- The John C. Hitt Library is a partial depository for United States and Florida government publications, U.S. Patents and Trademarks.
- **Infusion**, the Libraries' coffee shop learning space, offers food and beverage items, 32 desktop PCs, 98 comfortable seats, closed-captioned television, and a browsing collection for leisure reading.
- For help using library resources and materials, the **Research and Information Desk**, <https://library.ucf.edu/about/departments/reference/>, located on the main floor of the John C. Hitt Library, is open most library hours. Individual appointments can also be made for in-depth **research consultations**. These appointments provide students one-on-one time with a librarian, <https://ucf.libcal.com/appointments/main>.
- **Ask Us** is a virtual reference service that answers questions submitted through chat, text, IM, email, or phone at (407) 823-2562 or toll-free at (866) 271-7589, <https://library.ucf.edu/ask/>
- The University Libraries supports the development of information literacy skills through the use of **Information Literacy Modules**, <https://infolit.ucf.edu/>. The modules provide online, just-in-time instruction for students on topics such as citing sources, evaluating websites, and plagiarism.
- Librarians have created **subject-specific research guides**, <https://guides.ucf.edu>, to help students identify resources within their discipline. Students also can access step-by-step tutorials demonstrating research strategies using library resources, recordings of research skills webinars, and a variety of other resources, <https://vimeo.com/ucflibraries>.
- The **citation management** tool EndNote is available for FREE from the UCF Libraries. Librarians also can provide assistance with Zotero and Mendeley. Citation management workshops are offered each semester, <https://guides.ucf.edu/citations-endnote/workshops>.
- Another key service for Graduate Students is **Interlibrary Loan, Document Delivery and UBorrow**. The UCF Libraries will pull books and scan articles that are owned by the library, as well as borrow materials from other libraries. For more information, call (407) 823-2383 or visit the ILL website, <https://library.ucf.edu/ILL>.

In collaboration with the University's Office of **Student Accessibility** Services, students are eligible for Document Delivery assistance at each location by appointment by contacting the Circulation Desk. The John C. Hitt Library offers several reading and listening aid devices, including a workstation equipped with MAGic and JAWS software, and a Sorenson Videophone. More information is available at <https://library.ucf.edu/services/accessibility-services>.

Special Collections & University Archives houses the Libraries' unique and rarest items from the 12th century to present day. The department's diverse subject areas include African Americana, Artists' Papers, Book Arts & Typography, Botany, Caribbean West Indies, Civil War, Floridiana, Literary Papers, Political Papers, the Space Program, and Travel and Tourism as well as the history of the University of Central Florida/Florida Technological University. Holdings include monographs, manuscripts, maps, photographs, ephemera, moving images, audio recordings, artifacts, and fine art. The department's new gallery space showcases our unique collections through rotating themed exhibitions. More information at, <https://library.ucf.edu/about/departments/special-collections-university-archives/>

UCF Libraries partners with other libraries and local institutions through Central Florida Memory, Florida Heritage, Digital Library of the Caribbean, and similar web-based projects to provide **digital access** to special and historic images and documents. <https://library.ucf.edu/about/departments/technology-solutions-digital-initiatives/digital-initiatives/digital-collections/>

STARS, **Showcase of Text, Archives, Research & Scholarship**, is UCF's institutional repository. STARS hosts research,

creative activity, digital projects, and a variety of institutional outputs to provide worldwide access to a selection of works by, for, and about the University of Central Florida. <https://stars.library.ucf.edu/>

Other Libraries

The **Curriculum Materials Center** (CMC) is located on the first floor of the Education Building. While the library collection primarily serves the School of Teacher Education students and faculty by providing representative PK-12 curriculum materials, all are welcome to use this inviting space to study, access computers, or use the Production Lab that hosts a laminating machine, 3-D printer and scanner, and GlowForge laser cutter. For more information visit the CMC web page at <https://library.ucf.edu/cmc> or call (407) 823-2791.

The **Universal Orlando Foundation Library** is located at the Rosen College of Hospitality Management on Universal Boulevard. The library is open to the entire UCF community as well as to hospitality industry professionals. Its unique collection covers all facets of the hospitality and tourism industries. The library provides a wide array of services and resources, including desktop PCs, wireless devices for checkout, group study rooms, research assistance, library instruction, and interlibrary loan. For more information, visit <https://library.ucf.edu/Rosen> or call (407) 903-8100.

The **Downtown Campus Library** is located on the second floor of the Dr. Phillips Academic Commons in downtown Orlando. The library serves primarily UCF and Valencia College Downtown Campus students but is open to all users. The print collection focuses on the UCF and Valencia programs offered at the Downtown Campus, and Interlibrary Loan is available. The library has desktop computers, printing/copying/scanning, and offers research assistance and library instruction. For more information, visit <http://library.ucf.edu/downtown> or call (407) 235-3720.

UCF Connect Libraries

Significant **Connect Campus library** collections and services are available through State College partner libraries on the Cocoa, Daytona, Sanford-Lake Mary, Valencia Osceola, and Valencia West campuses. Limited collections and services may also be available at Leesburg, Ocala, Palm Bay, South Lake, and Valencia East campuses, but UCF students and faculty are advised to call ahead to these locations to verify library hours and services. All locations provide online access to library and university resources. A team of UCF Connect librarians also provide a wide range of services, either virtually or in person, including research assistance, library instruction, and more. For information about each campus library, please see:

<http://library.ucf.edu/about/libraries/>

Endowed Chairs

Endowed chairs are established under the Florida Major Gifts Trust Fund, which provides \$420,000 in state funds to match \$600,000 in contributions from private sources within a five-year period.

Phillips-Schenck Chair in American Private Enterprise: Created in 1980 as the focal point for a continual dialog on major economic issues, comparative economic systems, and economic decision-making in business. *Chair:* James Combs.

Charles N. Millican Chair in Computer Science: Created in 1983 and dedicated to probing the frontiers of computer science, with emphasis on the direction that the discipline will take over the next decade. *Chair:* Kenneth Stanley.

William S. and Alice M. Jenkins Chair in Community Arts: Created in 1986 to enable UCF to design and oversee programs covering art administration, art therapy, and art education within the Central Florida community. *Chair:* Kevin Haran.

Carl H. Galloway Chair for Excellence in Business: Created in 1986 to honor Carl Galloway, a pioneer in telecommunications. The purpose is to enhance scholarly activity in teaching and research in the College of Business Administration. *Chair:* Pradeep Bhardwaj.

The Cobb Family Eminent Chair in Optical Sciences and Engineering: Created in 1988 to support the work of an internationally recognized scholar in laser and optical sciences. *Chair:* Demetrios Christodoulides.

Darden Eminent Scholar Chair in Restaurant Management: Created in 1990 to develop a program of excellence in restaurant management. This chair, the first of its kind in the country, also serves as a critical resource for the hospitality industry. *Chair:* TBA.

SunTrust, N.A. Eminent Chair in Banking for Teaching Excellence: Created in 1989 to attract a nationally or internationally prominent expert in banking with a strong commitment to undergraduate, graduate, and executive development. *Chair:* Ajai Singh.

Al and Nancy Burnett Eminent Scholar Chair in Accounting: Created in 1989 to support an exceptional faculty member in the School of Accounting. *Chair:* Robin W. Roberts.

Bert Fish Memorial Eminent Scholar Chair: Created in 1990, the first chair to be established at the Daytona Campus, to improve nursing education and ease the shortage of nurses. *Chair:* Angeline A. Bushy.

Lockheed Martin Academy in Math and Science Education: Created in 1992 to stress content enhancement and problem-solving approaches in the teaching of science and mathematics. *Chair:* Lisa A. Dieker.

CFHLA Eminent Scholar Chair in Hotel Management: Created in 2002 to support the teaching and research of an internationally recognized scholar in hotel management. *Chair:* TBA.

Linda Chapin Eminent Scholar Chair in Tourism Management: Created in 2002 to support the teaching and research of an internationally recognized scholar in tourism management. *Chair:* Abraham Pizam.

William Peeper Eminent Scholar Chair in Destination Marketing: Created in 2002 to support the teaching and research of an internationally recognized scholar in destination marketing. *Chair:* TBA.

Mildred W. Coyle Eminent Scholar Chair: Created in 2000 to support the teaching and research of an internationally recognized scholar in various disciplines of professional education. *Chair:* Sandra L. Robinson.

Robert N. Heintzelman Eminent Scholar Chair: Created in 2002 to conduct research into the determination of the basic cause of greed in humanity and to determine the appropriate manner and methods of eliminating the cause of greed and fostering altruism. *Chair:* TBA.

DeVos Eminent Scholar in Sport Business Management Endowed Scholar Chair: Created in 2001 to attract a nationally or internationally prominent scholar in the field of sports, with a strong commitment to graduate sport business management programs. *Chair:* Richard E. Lapchick.

Richard T. Crotty Orange County Endowed Scholar Chair: Created in 2004 to attract a nationally or internationally prominent scholar to conduct research in his/her primary field and to assist in the development of research, programs, and support service as the faculty liaison to the Institute for Economic Competitiveness, College of Business Administration. *Chair:* Qinghai Wang.

Florida Photonics Center of Excellence Eminent Scholar Chair of Nanophotonics: Created in 2003 to strengthen and support teaching and research in the field of nanophotonics at the College of Optics and Photonics. *Chair:* Dennis Deppe.

Agere Systems, Inc. Eminent Scholar Chair of Computer Science: Created in 2005 in recognition of the university's leadership in the Florida High Tech Corridor and the FHTC Council's objective of attracting, retaining, and growing tech-based industry in our region and in the preparation of the workforce needed for our region. *Chair:* Mubarak A. Shah.

Chatlos Foundation Endowed Chair in Nursing: Created in 1996 to support a key faculty member of distinguished reputation who will engage in teaching, research, and scholarly activities relating to nursing. *Chair:* TBA

Kenneth G. Dixon Eminent Scholar Endowed Chair in Accounting: Created in 2004 as a key component of the Dixon School of Accounting. *Chair:* TBA.

Howard Phillips Eminent Scholar Chair in Real Estate: Created in 2005, as a key component of the Dr. P. Phillips School of Real Estate. *Chair:* David Harrison.

21st Century Scholar Chair: Created in 2006 to strengthen and support teaching and research in the field of lasers and medicine at the College of Optics and Photonics. *Chair:* Konstantin L. Vodopyanov.

Florida 21st Century Chair. Created in 2007 to strengthen and support teaching and research in the fields of control and signal processing in the College of Engineering and Computer Science. *Chair:* Marwan A. Simaan.

Dr. Neil Euliano Chair in Italian Studies: Created in 2005. This is the first Chair in Italian Studies in the State of Florida and is designed to support the teaching and research of an internationally recognized scholar of Italian and Italian American Culture. *Chair:* Chiara Mazzucchelli.

NAIOP Eminent Scholar Chair in Real Estate: Created in 2005 as a key component of the Dr. P. Philips School of Real Estate. *Chair:* Geoffrey K. Turnbull.

Lester N. Mandell Eminent Scholar Endowed Chair: Created in 2004 to assist in the development of an Ethics Center. *Chair:* TBA.

Karl H. Guenther Endowed Chair in Thin Film Optics: Created in 1998 to support the School of Optics Education in Thin Film Optics. *Chair:* TBA.

Jalal Talabany Endowed Chair in Kurdish Political Studies: Created in 2007 to strengthen and support teaching and research in Kurdish Political Studies. *Chair:* Güneş Murat Tezcür.

Florida Photonics Center of Excellence Endowed Chair in Biophotonics: Created in 2003 to strengthen and support teaching and research in the field of biophotonics at the College of Optics and Photonics. *Chair:* TBA.

Florida Hospital Endowed Chair in Cardiovascular Science: Created in 2011 to build collaborative research programs with Florida Hospital and other Central Florida scientists while providing leadership to the research enterprise in the Burnett School of Biomedical Sciences, College of Medicine. *Chair:* Sampath Parthasarathy.

Hugh F. and Jeannette G. McKean Endowed Chair in Nursing: Created in 2011 to strengthen and support the preparation of nurse educators. *Chair:* Joellen Edwards.

Florida Hospital Endowed Chair in Healthcare Simulation: Created in 2011 to support a leading expert in simulation to advance simulation in nursing and healthcare disciplines. *Chair:* Gregory Welch.

Paul N. Somerville Endowed Chair for Statistics: Created in 2012 to strengthen and support teaching and research in the field of statistics with an emphasis on the area of Big Data. *Chair:* TBA.

Orlando Health Endowed Chair in Nursing: Created in 2009 to support three areas: a leading expert in teaching and research, an annual symposium related to excellence in nursing and student scholarships. *Chair:* Mary Lou Sole.

Robert N. Heintzelman Eminent Scholar Chair: Created in 2002 to conduct research into the determination of the basic cause of greed in humanity and to determine the appropriate manner and methods of eliminating the cause of greed and fostering altruism. *Chair:* Glenn Lambie

Al Ghazali Endowed Professorship in Islamic Studies: Fully endowed in 2017 to support an internationally recognized scholar of distinguished reputation who will engage in teaching, research, and academic activities relating to Islamic Studies. The distinguished professor will continue the development of a program of excellence in Islamic Studies. *Chair:* Cyrus Zargar.

· University Ombuds Office

Ombuds Officer: Shreya Trivedi
Millican Hall (MH) 247
407-823-6440
ombuds.ucf.edu

The Ombuds Office is an informal, impartial, independent and confidential resource for all members of the University community. It is not an office of notice of wrongdoing and cannot participate in any formal grievance or appeal process. The office provides assistance and guidance regarding concerns related to the University. These services are available to every member of the University community: students, staff, faculty, and others. Any type of concern may be brought to the attention of this office: academic, financial, housing, consumer, work-related, or personal. The University Ombuds Officer, as a neutral facilitator, will listen to concerns and assist visitors by developing a range of options in an informal attempt to achieve resolution. Referral and direction to appropriate individuals and offices and clarification of University policies and procedures are services provided by the office. All proceedings in individual cases will be held confidential by the Ombuds Office unless otherwise authorized by the complainant, or otherwise required by applicable law, including without limitation, Chapter 119, Florida Statutes. The University Ombuds Office is located in Millican Hall, Suite 243, Room 247. Appointments may be made by calling 407-823-6440.

· UCF Public Safety and Police

Chief of Police: *Carl Metzger*

3610 Libra Drive, Building 150

Orlando, FL 32816

407-823-5555 or 911 for emergencies

police.ucf.edu

The UCF Police Department (UCFPD) has a big job in keeping UCF's campuses safe.

Established in 1973, UCFPD currently employs about 80 sworn law enforcement officers who provide police services on the main campus and at UCF Downtown, Rosen College of Hospitality Management and the UCF College of Medicine, as well as at two university-affiliated housing communities.

UCFPD is an accredited, full-service police department with the mission of reducing crime by providing a safe environment for students, faculty, staff, and visitors through the application of community policing. This means hiring officers and staff who fit our university; providing them with the finest training, equipment and leadership; and partnering with the campus community to achieve our safety and security goals.

Crime is a reality everywhere, including UCF. To combat this, UCFPD offers several crime prevention programs for the community, including providing safe transportation after hours, self-defense classes, free property registration and two designated parking spots in front of the Police Department for safe e-commerce exchanges.

UCF Alerts will notify the UCF community of an emergency — such as severe weather, criminal activity, an active shooter or a bomb threat — and provide general instructions. Depending on the nature of the emergency, follow-up alerts will contain more detailed information.

More frequent updates will typically be shared on social media on UCFPD and UCF's Twitter accounts, @UCFPolice and @UCF. Current UCF students, faculty and staff are automatically enrolled to receive UCF Alerts, and contact information can be updated via myUCF.

For more information about public safety at UCF, visit ucf.edu/safety.

· Information Technologies and Resources

Vice President and CIO: *Matthew Hall*

Millican Hall (MH) 331D

407-823-6778

itr.ucf.edu

The Division of Information Technologies and Resources has University-wide responsibility for planning, implementation, and support of information technology and the allocation and administration of space. Units within the Division include the Library, UCF IT, Information Security and Space Administration. The services and resources of each unit are described in the following sections.

Information Security Office

Associate Vice President & Chief Information Security Officer: *Chris Vakhordjian*

College of Sciences Building (CSB)

407-823-3863

infosec.ucf.edu

The Information Security Office (InfoSec) promotes best practices through security awareness, online resources, targeted workshops, regular security awareness programs, as well as by publishing policies, standards, and guidelines. InfoSec designs, implements and maintains an information security program that protects the confidentiality, integrity, and availability of the University's data, information systems, processes, and services.

InfoSec collaborates with UCF IT, administration, faculty, staff and students to develop security policies, standards, and best practices to help protect university and personal assets.

InfoSec and the Security Incident Response Team (SIRT) are available to facilitate and provide guidance with any computer security incidents that affect university IT resources or threaten the availability, confidentiality, and integrity of university information. All security incidents involving restricted data or confidential information must be reported immediately to SIRT at sirt@ucf.edu, or through the UCF IT Support Center at 407-823-5117.

Space Administration

Director, Space Planning: Christy Miranda-Perez

Millican Hall (MH) 329

407-823-0982

spaceadmin.ucf.edu

Space Administration facilitates the university's space request and allocation process, maintains an accurate space inventory for internal and external reporting purposes, and provides analyses and information that support the instructional, research, and administrative space needs of the university and its respective colleges and divisions. SA works closely with UCF Facilities Planning and Construction and the Registrar's Office.

UCF IT

Associate Vice President & IT Chief Operating Officer: Michael Sink

College of Sciences Building (CSB)

407-823-2711

it.ucf.edu

As the main provider of information technology resources, UCF IT provides all telecommunications services (voice and data), enterprise administrative systems and support to the UCF community including:

- Campus telephone system
- Campus local area network
- Campus wide area network
- Campus wireless network
- Cable TV
- Computer labs (e.g., Technology Commons I and II)
- Technology Product Center
- Data center operations and system administration
- Email
- Document imaging services
- Enterprise administrative data processing services
- PeopleSoft ERP (SA/HR, Portal, CRM) development
- Identity management/domain services

Technology Commons is a centrally located hub for students to study, create and play. Students can meet in groups in one of three collaboration rooms, take advantage of the computer labs and rental equipment available, or browse the Technology Product Center, the official UCF computer store, for recommended computer needs with educational pricing. Also, located in Technology Commons is the Student Support Desk. Stop by for any technology related or general issues.

Students can get help from UCF IT by phone, email, live chat, technical support ticket, or knowledge database: visit it.ucf.edu/student-support for all these options.

Intercollegiate Athletics

Vice President and Director: Terry Mohajir

Roth Athletics Center

407-823-2261

UCFKnights.com

The University of Central Florida, a member of the National Collegiate Athletic Association (NCAA), Division I, competes in 16 sports and is a member of the American Athletic Conference. UCF's intercollegiate sports for men include baseball, basketball, golf, football, soccer and tennis. Women's sports include basketball, cross country, golf, rowing, soccer, softball, outdoor and indoor track and field, tennis and volleyball.

UCF's athletics teams are successful on the field, in the classroom and in our community.

Currently in their ninth season of membership in the American Athletic Conference, the Knights have won AAC titles in football (2013, 2014, 2017, 2018), baseball (2017), women's golf (2015, 2017), women's soccer (2013, 2014, 2017), men's soccer (2018, 2019), rowing (2015, 2016, 2017, 2018, 2019), softball (2014, 2015), indoor track and field (2017) and volleyball (2014, 2018, 2019). The UCF football team has made five consecutive postseason bowl appearances, including the 2018 Chick-fil-A Peach Bowl 2019 PlayStation Fiesta Bowl. The UCF women's basketball team has made back-to-back NCAA Tournament appearances.

During the past six years, UCF student-athletes have contributed a total of more than 40,000 hours of community service in the Central Florida region and around the world.

· **Graduation Rate Disclosure**

The completion or graduation rate is the rate at which full-time, certificate-seeking or degree-seeking undergraduate students who are enrolling for the first time at the institution, and who have not previously enrolled at any other institution of higher education, graduate from their programs. The 6-year graduation rate for the Summer-Fall 2014 full-time cohort is 74 percent. The retention rate for Summer-Fall full-time 2019 students is 92.1 percent. The information is public and available for review on the Institutional Knowledge Management website.

· **Addition Financial Arena, The Venue and Knights Plaza**

<http://www.AdditionFiArena.com>

The Addition Financial Arena is the largest entertainment and sports facility in East Orlando. With seating for 10,000 fans, it is home to UCF Men's and Women's basketball, university and high school graduation ceremonies, and a diverse lineup of world-famous entertainers, beloved family shows and festivities rivaling any in the country.

Nestled on the north side of the Addition Financial Arena, The Venue is a more intimate space showcasing special events and UCF Women's Volleyball.

Knights Plaza, a living-learning community on the north end of UCF's main campus is the home of the Addition Financial Arena and The Venue, features an exciting mix of student apartments, garages, services, shops and dining. Come early and stay late. For event, retail or rental information, visit <http://www.AdditionFiArena.com> or <http://www.knightsplaza.com>. For information on apartment rental, please visit housing.ucf.edu.

· **Campus Bookstores**

UCF's main campus is home to two Barnes & Noble College bookstores.

John T. Washington Center Location

The UCF Campus Store, a Barnes & Noble College bookstore, located in the John T. Washington Center, is the textbook and course material destination. The store also offers the largest variety of UCF clothing in the world, including logo gift items, general reading books, snacks, beverages, convenience items and a full-service Foxtail Coffee Co. Cafe©. For store hours and information, visit <http://www.ucf.bncollege.com> or call 407-823-2665.

Knights Plaza Location

The Barnes & Noble @ UCF, located next to the Addition Financial Arena at Knights Plaza, is the official headquarters for all your graduation supplies and more. It offers a complete line of UCF clothing, logo gift items, athletic apparel, snacks, beverages, convenience items and a full-service café that proudly brews Starbucks® coffee. For store hours and information, visit <http://www.shopucf.com> or call 407-882-0364.

Rosen College Bookstore

The Rosen College Bookstore is located on the Rosen College of Hospitality Management Campus. This location is the destination for Rosen textbooks and course materials, Rosen logo gift items, a snacks, beverages, convenience items, and Boyd's Coffee® to-go. For store hours and information, visit <https://ucf-rosen.bncollege.com/> or call 407-903-8501.

UCF & Valencia College Downtown Campus Virtual Bookstore

This virtual bookstore is the resource for the UCF & Valencia College Downtown Campus textbooks and course materials, school supplies, and gift items. Visit <https://ucf-vc.bncollege.com/> for more information.

Parking and Transportation Services

Director: *Kris Singh*

Visitor and Parking Information Center (VPI)

parking.ucf.edu

407-823-1371

krishna.singh@ucf.edu

The Parking and Transportation Services department offers a variety of transportation options to, from, and around the campus.

The UCF Shuttle provides transit needs for students residing in 22 off-campus apartment communities, as well as numerous locations in the Central Florida Research Park. Normal operating hours range from 6:30 a.m.-10 p.m. UCF also has an intra-campus shuttle service called Pegasus Express that operates continuously from 7 a.m.-7 p.m. during the fall and spring semesters, and from 7 a.m.-4 p.m. during the summer terms.

An inter-campus transportation service is provided between the UCF main campus and the Rosen College of Hospitality Management. It makes 10 round-trip runs between 6:45 a.m. and 9 p.m., Monday through Friday, during the fall and spring semesters, and six round-trip runs between 8 a.m. and 7p.m. during the summer semester. Service is also provided between UCF main campus and the Health Sciences Campus. Shuttles provide 14 round trips between 7:20 a.m. and 10:45 p.m., Monday through Friday. The latest addition is an inter-campus service between UCF's main campus and the UCF downtown campus. It makes 16 round trips between 6:30am and 10:30pm Monday through Thursday, and 14 roundtrips between 6:30 a.m. and 8:30 p.m. on Fridays. Arrivals and departures can be tracked via UCF mobile application or m.ucf.edu/shuttles/routes.

These services are complimentary to all UCF students, faculty, and staff members, and operate on all class days, including exam weeks. Please refer to the webpage at parking.ucf.edu/Shuttle.html or call 407-823-2131 for detailed information.

In addition, three LYNX bus routes, Links 13, 434 and 104, serve the UCF campus from Oviedo, Downtown Orlando, Valencia College, and East campus. UCF students, staff and faculty can ride Lynx's buses free to any destination in Central Florida with the simple showing of their UCF ID. Commuters may connect to most anywhere in the Greater Orlando area. The LYNX buses normally operate at 30 to 60-minute intervals. Route maps may be obtained at the UCF Visitors and Parking Information Center and the information kiosk at the Student Union.

Further details, including rates and information on special passes, may be obtained by calling LYNX at 407-841-8240, or from their website, <http://golynx.com>.

· Orlando Shakespeare Theater in Partnership with UCF

Artistic Director: *Jim Helsinger*

812 E. Rollins St., Suite 100

<http://www.orlandoshakes.org>

Orlando FL 32803

jimh@orlandoshakes.org

Orlando Shakes in Partnership with UCF is a professional AEA theater producing classic, contemporary and children's plays. The theater presents a Signature Series of adult plays, a children's theater series, a new play festival, and innovative educational programming that includes summer camps, The Young Company (a summer high school performance group), Shakespeare with Heart (a summer program in partnership with United Cerebral Palsy and UCF), and the K-12 "Shakespeare Alive" and "Shakesperience" programs. Performances are presented in Margeson, Goldman, Mandell, and Santos-Dantin Theaters at the Lowndes Shakespeare Center in Loch Haven Park.

The theater has achieved a position of national recognition, attracting artists from across the country. The theater has been featured on the Today Show, Good Morning America, and in national publications such as The Wall Street Journal, Stage Directions, American Theater, and American Theater magazine. The third year of UCF's MFA in Acting is spent in residence at Orlando Shakes. Internships and independent studies for UCF undergraduates are also available with the theater. Reduced price rush tickets are available for UCF students 1/2 hour before all performances with valid student ID. To purchase tickets, contact the box office at 407-447-1700, or go on the web at <http://www.orlandoshakes.org>. For internship information and other questions, contact Artistic Director Jim Helsinger at jimh@orlandoshakes.org.

· UCF Alumni

UCF *FAIRWINDS* Alumni Center

407-UCF-ALUM (823-2586)

<http://www.ucfalumni.com>

UCF Alumni is committed to maintaining lifelong connections between all Knights with the university and each other through social, cultural and professional development opportunities. The organization's mission is to enhance the lives of UCF alumni, students and friends by fostering a mutually beneficial relationship with the university. Once a student graduates, he or she automatically has access to UCF Alumni's resources and network of more than 320,000.

The 4EVER KNIGHTS (4EK) student organization connects students with alumni while creating a culture of philanthropy at UCF. 4EVER KNIGHTS is the largest student organization on campus and offers students a variety of fun and valuable events, benefits and discounts, as well as leadership, scholarship, and service opportunities.

· UCF Foundation, Inc.

Vice President for Advancement and CEO, UCF Foundation, Inc.: *Michael J. Morsberger*

Research Pavilion (PVL) 250

<https://www.ucffoundation.org>

407-882-1220

foundation@ucf.edu

Founded in 1969, the UCF Foundation, Inc., is a 501(c)(3) nonprofit organization. Led by a volunteer board of directors and staffed by more than 100 professionals including development officers, information experts, accountants, communicators and more, today's foundation works with donors to the University of Central Florida to help them maximize the impact of gifts ranging from \$5 to many millions. Gifts are used to fund student scholarships, invest in faculty excellence, construct new facilities and expand important programs.

Directed by a volunteer board and staffed by more than 100 professionals, including fundraising officers, information experts, accountants, communicators and more, the foundation works to inform and engage current and prospective donors in strengthening UCF through private philanthropy.

In June 2019, UCF completed a multi-year fundraising effort called IGNITE: The Campaign for UCF. Directed to three key points — student success, academic excellence, and growth and opportunity — the support of alumni, friends and corporate partners helped the university to raise more than \$513 million over an eight-year period.

Administrative Officers and Staff

The date indicates the first year of employment at the University of Central Florida.

ABNEY, BARBARA COMPTON, Director, Marketing/Communications, Office of Research & Commercialization (1997), B.S. (University of Florida)

ALDARONDO-JEFFRIES, MICHAEL, Director, Academic Advancement Programs, Division of Student Learning and Academic Success (2006), M.Ed. (DePaul University)

AMIN GUTIÉRREZ DE PIÑERES, SHEILA, Dean of Burnett Honors College and Professor of Public Administration (2018), B.A., M.A., Ph.D. (Duke University)

ANDREWS, EDWANNA, Director, Social Justice and Advocacy (2001), B.A., M.A., Ph.D. (University of Central Florida)

BERRY, THEODOREA REGINA, Vice Provost, Division of Student Learning and Academic Success and Dean, College of Undergraduate Studies (2019), B.A., Ed.D. (National-Louis University)

BINETTE, CHAD, Assistant Vice President, News and Information (2003), B.A., M.P.A. (University of Central Florida)

BISHOP, RHONDA, Vice President for Compliance and Risk (2011), M.B.A. (Virginia Commonwealth University)

BORDEN, M. PAIGE, Associate Provost and Chief Analytics Officer, Division of Analytics and Integrated Planning (2000), B.A., M.B.A., Ed.D. (University of Central Florida)

BOWEN, WAYNE, Interim Associate Dean, College of Undergraduate Studies, Director, Interdisciplinary Studies, College of Undergraduate Studies, Interim Director, UCF Abroad, Division of Student Learning and Academic Success and Professor of History (2017), B.A., M.A., Ph.D. (Northwestern University)

BOYD, BRIAN, University Registrar, Division of Student Learning and Academic Success (2006), B.S., M.B.A. (University of Wisconsin-Milwaukee)

BRADFORD, DEBORAH, Director, Academic Support Services, UCF Connect (1995), B.M.E., M.P.A., Ed.D. (University of Central Florida)

BURT, PATRICK, Assistant Vice President, Communications and Marketing
(2005), B.G.D., M.A. (University of Central Florida)

· **CARR, SCOTT**, Executive Associate Athletic Director, External Affairs
(1997), B.S., M.S. (University of Florida)

CARROLL, PAMELA, Dean, College of Community Innovation and Education
(2015), B.S., M.A., Ed.D. (Auburn University)

CARTWRIGHT, ALEXANDER N., President of the University
(2020), B.S.E., Ph.D. (University of Iowa)

CARVER, RENE A, Interim Director, Environmental Health and Safety
(1996), B.S., M.A. (University of Central Florida)

CAVANAUGH, PAM, Associate Vice Provost, Academic & Student Initiatives, UCF Connect, Division of Student Learning and Academic Success
(2011), B.S., M.A., Ed.D. (University of Central Florida)

CAVANAGH, THOMAS, Vice Provost, Digital Learning
(2000), B.S., M.A., Ph.D. (University of Central Florida)

CHANDIA, NATALY, Assistant Vice President, International Affairs and Global Strategies
(2003), B.A., M.P.A. (University of Central Florida)

CHAVIS JR., GORDON D., Associate Vice President, Student Development and Enrollment Services
(1999), B.A., J.D. (Georgetown University)

COOK, YOUNDY, Interim Vice President and General Counsel
(2002), B.A., J.D. (University of Miami School of Law)

COSTELLO, ELIZABETH, Director, Undergraduate Admissions
(2000), B.S., M.B.A. (Florida Institute of Technology)

· **DAGLEY, MELISSA**, Director, EXCEL, Division of Student Learning and Academic Success, Executive Director, Center for Initiatives in STEM
(2001), B.S.B.A., M.B.A., Ed.D. (University of Central Florida)

DAHLSTRAND, CHRISTOPHER, Director, Undergraduate Admissions
(2003), B.S., M.S. (Embry-Riddle Aeronautical University)

DANIELS, SHELIA, Executive Director of Human Resources
(2015), B.A., M.P.A. (Florida Atlantic University)

DEICHEN, MICHAEL, Associate Vice President, Student Health Services
(2001), B.S., M.D., M.P.H. (University of South Florida)

DODGE, JASON, Director, Student Success UCF Downtown
(2015), B.A., M.Ed. (University of Florida)

DOOLEY, ELIZABETH A., Professor, Office of the Dean, College of Community Innovation and Education
(2015) B.A., M.A., Ed.D. (West Virginia University)

DULLAGHAN, PATRICIA, Director, Student Legal Services
(1996), B.A., J.D. (Nova Southeastern University)

DUPUIS, MARTIN, Associate Dean of Burnett Honors College and Associate Professor of Political Science
(2006), B.A., J.D., M.A., Ph.D. (University of Southern California)

DZIUBAN, CHARLES D., Director, Research Initiative for Teaching Effectiveness, and Professor Emeritus of Education
(1970), B.S., M.Ed., Ph.D. (University of Wisconsin)

EKERN, SHARON L., Associate Vice President, Student Development and Enrollment Services
(1990), B.A., M.P.A., Ed.D. (University of Central Florida)

FALCO, RICHARD A., Director, Student Union
(2001), B.S., M.A. (University of Central Florida)

FRAME, ADRIENNE, Interim Vice President and Dean of Students, Student Development and Enrollment Services
(2016), B.A., M.Ed., Ed.D. (Florida State University)

FROELICH, CRAIG, Director, SDES Information Technology
(2007), B.S. (University of Central Florida)

GEORGIPOULOS, MICHAEL, Dean, College of Engineering and Computer Science, Professor of Electrical and Computer Engineering
(1986), DIPL.E., M.S., Ph.D. (University of Connecticut), P.E. (Greece)

GERMAN, DEBORAH C., Vice President for Medical Affairs, Dean of College of Medicine, and Professor of Medicine
(2006), B.S., M.D. (Harvard Medical School)

GILMER, MICHAEL, Director, Office of Student Conduct
(2014), B.S., M.Ed. (University of South Florida)

GONZALEZ, LYNN, Director, Budget Initiatives

(1991), B.A., M.B.A. (University of Central Florida)

GUMBLE, MARK, Assistant Vice President, Learning Support Services, Student Development and Enrollment Services

(2005), B.A., M.S. (Binghamton University)

· **HAGAN, DAVID**, Dean and Director, Professor of Optics & Photonics

(2009), B.S., Ph.D. (Heriot-Watt University)

HALL, MATTHEW, Vice President for Information Technology and CIO

(2021), B.A., M.A. (Florida State University)

· **HALL, RHONDA C**, Director, Enrollment Services, UCF Downtown

(1993), B.A., M.A. (University of Central Florida)

HANSEN, LYNN, Executive Director, Career Services

(2008), A.A., B.S., M.Ed. (University of West Florida)

HAWKINS, MAUREEN, Director, Wellness and Health Promotion Services

(2009), B.S., M.Ed. (Providence College)

HECTOR, GERALD, Senior Vice President for Administration and Finance

(2021), B.BA., M.A. (Gordon Conwell Theological Seminary)

HELTON, TARA G, Director, Academic Services for Student-Athletes and Assistant Athletic Director

(1995), B.S., M.A. (Marshall University)

HENSON, PHILLIP, Director, Finance and Accounting

(2015), B.S., M.B.A. (University of Central Florida)

HESSE, AMY, Director of Research Programs and Services, SDES

(2013), B.A., M.A.Ed. (Western Governors University)

HICKS KONVALINKA, APRIL, Executive Director, Housing and Residence Life

(2018), B.A., M.S., Ed.D. (Arkansas State University)

HOFFMANN, KAREN, Director, Counseling and Psychological Services

(2002), B.A., M.A., Ph.D. (Texas A&M University)

HOFFMAN, PHIL, Executive Director, WUCF TV & FM
(2008), B.A., M.A., Ed.D. (University of Akron)

HOLSENBECK, DANIEL C., Senior Counsel to the President
(1985), B.S., M.E.D., Ph.D. (Florida State University)

INGERSOLL, CHRISTOPHER, Dean, College of Health Professions and Sciences
(2019), B.S., M.A., Ph.D. (University of Toledo)

JACKSON, WAYNE, Director, Multicultural Academic and Support Services
(2007), B.A., M.A. (Dallas Theological Seminary)

JARLEY, PAUL, Dean and Professor, College of Business Administration
(2012), B.S., M.A., Ph.D. (University of Wisconsin-Madison)

JARRELL-COLE, MARGARET, Associate Vice President, Administration and Legal Counsel, UCF Foundation
(2003), LL.M., J.D. (University of Florida)

JASINSKI, JANA, Vice Provost, Faculty Excellence
(2011), B.A., M.A., Ph.D. (University of New Hampshire)

JENSEN, DEVON, Associate Dean, College of Graduate Studies
(2017), B.A., B.Ed., M.Ed., Ph.D. (University of Alberta)

JOHNSON, MICHAEL D., Interim Provost and Vice President for Academic Affairs
(1990), B.S., Ph.D. (University of Virginia)

JOSEPH, WOODY, Director, Fraternity and Sorority Life
(2017), B.A., M.Ed. (University of South Florida)

JUNTUNEN, DANA, Executive Director and Assistant Dean of Students, Office of Student Rights and Responsibilities
(2003), B.A., M.Ed. (James Madison University)

JUNTUNEN, SHANE, Director, Office of Student Involvement
(2003), B.A., M.Ed. (James Madison University)

KEATON, ALICIA, Director, Office of Student Financial Assistance
(2013), B.S., M.B.A. (Wayne State University)

KILBRIDE, MIKE, Chief of Staff

(2013), B.S.B.A. (University of Central Florida)

KITTINGER JR., FRED R., Associate Vice President, University Relations
(2003), B.A., M.S. (Florida State University)

KLONOFF, ELIZABETH A., Vice President for Research and Dean of the College of Graduate Studies
(2016), A.B., M.A., Ph.D. (University of Oregon, Eugene)

KONVALINKA, APRIL, Director, Housing and Residence Life
(2017), B.S., M.S., Ed.D.(Arkansas State University)

· **LANCEY, PATRICE**, Assistant Vice President, Office of the Provost - Operational Excellence and Assessment Support
(2001), B.A., M.A., Ph.D. (Wayne State University)

LETZRING, TIMOTHY, Senior Associate Provost
(2019), B.S., J.D., Ed.D. (University of Georgia)

· **MALARET, STACEY**, Director, LEAD Scholars Academy
(2001), B.A., M.A., Ed.D. (University of Central Florida)

MARTIN, BILL, Director, Facilities Planning and Construction
(2014), B.Design, M.Arch (University of Florida)

McCLOUD, REBEKAH, Executive Director, Student Development and Enrollment Services TRiO Programs
(1997), B.A., M.Ed., M.S., Ed.D.

MEALOR, DAVID, Professor and Associate Vice President, UCF Sanford/Lake Mary/Altamonte Springs
(1980), B.S., M.Ed., Ph.D. (University of Georgia)

MEYER, ADAM, Executive Director, Student Accessibility Services
(2013), B.S., M.A., Ph.D. (Saint Louis University)

MILLER, ANN, Interim Director, Karen L. Smith Faculty Center for Teaching and Learning, and Associate Professor of Human Communication
(2008), B.A., M.A., Ph.D. (University of Georgia)

MOHAJIR, TERRY, Vice President and Director of Athletics
(2021), B.S., M.S.E. (University of Kansas)

MOORE, JEFFREY, Dean, College of Arts and Humanities and Professor of Music
(1994), B.M., M.M. (University of Wisconsin)

MORGAN, JEFFERY, Director, Emergency Management
(2008), B.S., M.A. (American Military University)

MYSZKOWSKI, ERIN, Director, Pre-Health and Pre-Law Advising, Division of Student Learning and Academic Success
(2006), B.S., M.S., Ed.D. (University of Central Florida)

NEWTON, RYAN, Director, First Year Experience
(2021), B.A., M.Ed., (University of South Florida)

· **NORVELL, DAVID**, Assistant Vice President for Sustainability Initiatives
(2001), B.S.M.E. (University of Central Florida)

· **O'NEAL, THOMAS P.**, Associate Vice President, Commercialization and Innovation and Secondary Joint Associate Professor of Industrial Engineering & Management Systems
(1991), B.S.E.E., M.S., M.B.A., Ph.D. (University of Central Florida)

O'CONNELL, STEPHEN, Director, Knights Major Exploration and Transition Center, Division of Student Learning and Academic Success
(2003), B.A., M.A. (Ohio State University)

OONGE, HARRISON, Assistant Dean, Academic Planning, Division of Student Learning and Academic Success and College of Undergraduate Studies
(2016) B.A., M.A., Ed.D. (West Virginia University)

ORTIZ, VIVIAN J., Director, Assessment, Development and Grants, Student Development and Enrollment Services
(2002), B.S., M.S.W., Ph.D. (University of Central Florida)

OWEN, JANET, Vice President, Government & Community Relations
(2018), B.A.B.A., M.S. J.D. (Stetson University College of Law)

· **PARHAM, JENNIFER**, Director, Graduate Financial Assistance, College of Graduate Studies
(2002), B.A., M.A., Ed.D. (University of Central Florida)

PAVLONNIS, DAVID L., Assistant Vice President, Personnel and Technology, Student Development and Enrollment Services
(1998), B.S., M.S. (University of Tennessee)

PAYNE, RICHARD S., Assistant Vice President, Budgets and Administration, Student Development and Enrollment Services
(2002), B.S., M.B.A. (University of Central Florida)

PETKOV, ANA, Senior Assistant Vice President, Presidential Events
(2008), B.A., M.A. (University of Central Florida)

PHILLIPS, RICHARD, Director, Activity and Service Fee Business Office
(2013), B.S. (University of Utah)

PIETY, REBECCA, Director, Student Academic Resource Center and University Testing Center, Division of Student Learning and Academic Success
(1998), B.A., M.A. (University of Central Florida)

PINERES, SHEILA, Dean, Burnett Honors College and Professor of Public Administration
(2018), B.A., M.A., Ph.D.(Texas A&M University)

PRESTON, MICHAEL, Executive Director, Florida Consortium of Metropolitan Research Universities
(2011), B.A., M.S., Ed.D. (Texas A&M at Commerce)

PRIEST, DeLAINE, Associate Vice Provost, Student Success and Advising, Division of Student Learning and Academic Success
(1994), B.A., M.A., Ed.D. (Nova Southeastern University)

REINHART, DEBRA, Associate Vice President for Research and Scholarship
(1989), B.S.E., M.S., Ph.D. (Georgia Institute of Technology), P.E. (Florida, Georgia)

REYNOLDS, DEBRA, Director, Undergraduate Admissions
(1998), B.S. (University of Central Florida)

SCHNEIDER, KIMBERLY, Interim Associate Vice Provost, Academic Innovation, Assistant Dean, College of Undergraduate Studies, Director, Undergraduate Research, Division of Student Learning and Academic Success and Research Assistant Professor, Department of Biology
(2007) B.S., Ph.D. (University of South Carolina)

SCHONS, EDWARD L., Director, University Economic Development, University Relations
(2000), B.S. (Florida Southern College)

SCHUCKMAN, GREGORY A., Assistant Vice President, Director, Federal Relations, University Relations
(2000), B.S., M.G.A. (University of Pennsylvania)

SHEPHERD, MISTY, Interim Vice President and Chief Operating Officer
(2008), B.S. (Florida State University)

SIEMEN, DUANE, Director, Facilities Operations
(2014), B.S.E.E. (University of Central Florida)

SINGH, KRISHNA, Director, Parking and Transportation Services
(1993), B.A. (University of Central Florida)

SINK, MICHAEL, Associate Vice President and IT Chief Operating Officer
(2017), B.S., M.B.A., (Cleveland State University)

SMITH, BARBARA, Director, Communications, Division of Student Learning and Academic Success, College of Undergraduate Studies
(2016), B.A., M.A. (Cleveland State University)

SOLE, MARY LOU, Dean and Orlando Health Distinguished Professor, College of Nursing
(1991), RN, M.S.N., Ph.D. (University of Texas)

SULLIVAN, LINDA, Assistant Vice President, Institutional Knowledge Management
(2000), B.P.A., M.B.A.A., Ed.D. (University of Central Florida)

TAFT, ROBERT, Chief Audit Executive
(2014), B.A., M.S. (State University of New York at Albany)

TANT, CHRISTY, Associate Vice President, Budget, Finance, and Accounting
(2010), B.S., M.A. (University of Florida)

TORRES, CHANDA, Assistant Vice President, Student Development and Enrollment Services
(2012), B.S., M.A., Ed.D. (University of Central Florida)

TREES, DIANE, Associate Vice President, Community Relations and Metropolitan Center for Regional Studies
(1994), B.S., B.S.N., M.S. (University of Central Florida)

TRIVEDI, SHREYA, University Ombuds Officer
(2011), B.A., M.N.M. (University of Central Florida)

TURNER, SUZETTE, Director, Creative School for Children
(2017), B.S., M.A.T., Ph.D. (St. Louis University)

VAIDYANATHAN, PALLAVOOR N., Assistant Vice President for Research and Commercialization
(1999), B.S., B.E., M.Sc., M.B.A. (University of Florida)

VIAU, PAUL H., Associate University Registrar, Division of Student Learning and Academic Success
(1997), B.A., M.S.Ed., Ed.D. (University of Central Florida)

VILSACK, BECKY, Director, Information Technology Financial Systems
(2002), B.A., M.A. (Webster University)

WADE, CURTIS, Director, Sustainability and Energy Management
(2011), B.S. (Michigan State University)

WANG, YOUCHENG, Dean, Rosen College of Hospitality Management and Professorship in Destination Marketing
(2018), B.S., M.S., Ph.D. (University of Illinois)

WATSON, MONTEL J., Director, Resources Management
(1994), B.A., M.B.A. (Loyola University of Chicago)

WEISHAMPEL, JOHN, Senior Associate Dean, College of Graduate Studies, and Professor of Biology
(1995), B.S., M.A., Ph.D. (University of Virginia)

WELCH, KERRY, Associate Vice President, Student Development and Enrollment Services
(2004), B.A., M.A., Ed.D. (University of Cincinnati)

WILKENING, JAMES, Executive Director of Recreation and Wellness
(1992), B.S.B.A., M.A.T. (University of Louisville)

WRIGHT, JENNIFER, Director, Integrity and Ethical Development
(2002), A.A.S., B.S.B.A, M.A. (Appalachian State University)

University Faculty and Administration Emeriti

- [University Faculty](#)
- [Faculty and Administration Emeriti](#)

University Faculty

The date indicates the first year of employment at the University of Central Florida.

Abbas, Hadi, Associate Professor of School of Visual Arts & Design
(8/8/1995), M.F.A. (Wichita State University)

Abdallah, Nazih, Lecturer of Electrical Engineering Computer Science
(12/21/2000), Ph.D. (University de Paris IX-Dauphin)

Abdel-Aty, Mohamed, Professor of Civil Engineering
(8/8/1995), Ph.D. (University of Cal at Davis)

Abdolvand, Reza, Associate Professor of Electrical Engineering
(1/2/2014), Ph.D. (Georgia Institute of Tech.)

Abichar, Zakhia, Lecturer of Electrical Engineering
(8/15/2011), Ph.D. (Iowa State University)

Ablanedo, Jennie, Assistant In of Institute For Sim And Train
(1/28/2013), M.S. (University of Central Florida)

Abouraddy, Ayman, Professor of Optics and Photonics
(9/1/2008), Ph.D. (Boston University)

Abou-Senna, Hatem, Research Assistant Professor of Civil Engineering
(9/4/2009), Ph.D. (University of Central Florida)

Abraham, Charlie, Associate Professor of School Of Visual Arts & Design
(8/8/1996), M.F.A. (University of MS)

Aburweis, Mohamed, Assistant Professor of Statistics and Data Science
(8/8/2018), Ph.D. (South Dakota State University)

Adams, JoAnne, Lecturer of School Of Visual Arts & Design
(8/8/2008), M.F.A. (University of Florida)

Adams, Kenneth, Professor of Criminal Justice
(8/8/2003), Ph.D. (University at Albany, State University of New York)

Adams, Michelle, Associate Instructor of History
(8/8/2003), M.A. (Northeastern Illinois University)

Agarwal, Shaurya, Assistant Professor of Civil Engineering
(8/8/2018), Ph.D. (University of Nevada Las Vegas)

Ahangari, Raheleh, Assistant Professor Medicine of Col Of Med School Biomed Science Dean
(8/8/2007), Ph.D. (University of Salamanca)

Ahn, Byung, Assistant Professor of Statistics and Data Science
(4/2/2018), Ph.D. (Kansas State University)

Ahmed, Kareem, Assistant Professor of Mechanical and Aerospace Engineering
(12/23/2014), Ph.D. (University at Buffalo, State University of New York)

Ahmed, Tanvir, Lecturer of Computer Science
(5/24/2016), Ph.D. (Aalborg University/Free University of Brussels)

Ait Maalem Lahcen, Rachid, Instructor of Mathematics
(8/8/2014), M.S.M.E (University of Central Florida)

Ajayi, Richard, Associate Professor of Finance
(8/8/1996), Ph.D. (Temple University)

Alarcon, Alma, Associate Lecturer of Modern Languages
(8/8/1998), Ph.D. (University of Houston)

Albers-Biddle, Laura, Associate Lecturer of School of Teacher Education
(8/8/2001), Ed.D. (University of Central Florida)

Aldarondo-Jeffries, Michael, Faculty Administrator of Undergrad Studies Academic Programs
(10/11/2006), M.Ed. (DePaul University)

Al-Deek, Haitham, Professor of Civil Engineering
(8/8/1992), Ph.D. (University of California at Berkeley)

Alderman, Barbara, Assistant Librarian of Regional Campuses
(10/12/2001), M.S. (Florida State University)

Alexander, Kristi, Professor of Psychology
(10/21/2016), Ph.D. (University of Alabama)

Allen, Darryl, Lecturer of Accounting
(8/27/2003), Ph.D. (George Washington University)

Allen, Frank, Faculty Administrator of University Libraries
(5/29/1998), M.A. (University of Tennessee)

Allred, Kelly, Clinical Associate Professor of Nursing
(8/8/2007), Ph.D. (University of Central Florida)

Almagro-Moreno, Salvador, Assistant Professor Medicine of Col Of Med School Biomed Science Dean
(1/1/2017), Ph.D. (National University of Ireland)

Almeida, John, Associate Professor of School Of Performing Arts
(8/29/1997), M.A. (Appalachian State University)

Alpanda, Sami, Assistant Professor of Economics
(8/8/2015), Ph.D. (University of Minnesota)

Al-Rawi, Ahlam, Associate Lecturer of Physics
(8/8/2010), Ph.D. (Kansas State)

Altin, Mehmet, Assistant Professor of Hospitality Management Dean
(8/8/2015), Ph.D. (Virginia Tech)

Altomare, Deborah, Associate Professor Medicine of Col Of Med School Biomed Science Dean
(11/2/2009), Ph.D. (Rutgers University)

Aluganti Narasimhulu, Chandrakala, Asst Scholar/Scient/Eng Medici of Col Of Med School Biomed Science Dean
(11/14/2011), Ph.D. (Sri Krishnadevaraya University)

Ambivero, Camilla, Assistant Professor Medicine of Col Of Med School Biomed Science Dean
(8/23/2013), Ph.D. (University of Central Florida)

Ambrose, Maureen, Professor of Management
(8/8/1999), Ph.D. (University of Illinois at Urbana-Champaign)

Amezcuca Correa, Rodrigo, Assistant Professor of Optics and Photonics
(2/16/2011), Ph.D. (University of Southampton)

Amin Gutiérrez de Piñeres, Sheila, Professor of Public Administration Dean
(5/23/2018), Ph.D. (Duke University)

Amirkhosravi, Mohammadali, Lecturer of Health Sciences
(8/8/2019), Ph.D. (University of Southampton)

An, Linan, Professor of Materials Science And Engineering
(1/1/2001), Ph.D. (Lehigh University)

Anagnostopoulos, Vasileos, Assistant Professor of Chemistry
(5/1/2018, Ph.D. (University of Patras)

Anderson, Kim, Professor of Social Work
(8/8/2015), Ph.D. (University of Kansas)

Anderson, Mindi, Associate Professor of Nursing
(8/8/2015), Ph.D. (Texas Woman's University)

Anderson, Thaddeus, Assistant Professor of School Of Performing Arts

(8/8/2009), DM.A. (University of Texas)

Andl, Claudia, Associate Professor Medicine of Col Of Med School Biomed Science Dean
(1/1/2016), Ph.D. (University of Essen)

Andl, Thomas, Asst Scholar/Scient/Eng Medici of Col Of Med School Biomed Science Dean
(1/1/2016), Ph.D. (Ruprecht Karls University)

Andraka-Christou, Barbara, Assistant Professor of Health Management Information
(2016), Ph.D. (Indiana University Maurer School of Law)

Andreasen, Janet, Associate Lecturer of School of Teacher Education
(8/8/2005), Ph.D. (University of Central Florida)

Andreatta, Pamela, Professor of Institute For Sim And Train
(7/6/2015), Ed.D. (University of San Francisco)

Andrews, Anna, Associate Professor Medicine of College Of Medicine Dean
(10/26/2009), Ph.D. (University of Central Florida)

Andrews, Diane, Associate Professor of Nursing
(12/21/2006), Ph.D. (University of Central Florida)

Andrews, Wilbur, Research Associate
(2010), Ed.D. (University of Florida)

Angell, Sarah, Instructor of Computer Science
(8/8/2013), M.S. (University of Central Florida)

Anthony, Amanda, Associate Professor of Sociology
(8/8/2011), Ph.D. (Florida State University)

Apostolakis, Georgios, Assistant Professor of Civil Engineering
(8/8/2017), Ph.D. (State University of New York Buffalo)

Applen, John, Associate Professor of English
(8/8/1997), Ph.D. (University of Arizona)

Arboleda, Luis G., Assistant Professor of Civil Engineering
(8/8/2017), Ph.D. (Northwestern University)

Argenti, Luca, Assistant Professor of Physics
(3/22/2016), Ph.D. (Higher Normal School of Pisa)

Aria, Reza, Instructor of Computer Science
(4/16/2015), Ph.D. (McMaster University)

Armato, Michael, Lecturer of Sociology
(8/8/2016), Ph.D. (New York University)

Arnold, Vicky, Professor of Accounting
(8/8/2005), Ph.D. (University of Arkansas, Fayetteville)

Ash, Konstantin, Assistant Professor of School of Politics, Security, and International Affairs
(6/21/2016), Ph.D. (University of California-San Diego)

Asi, Yara, Lecturer of Health Management Information
(2/19/2010), Ph.D. (University of Central Florida)

Asmar, Abdo, Associate Professor Medicine of Com Internal Medicine
(7/1/2011), M.D. (Kauno Medicinos University)

Assefzadeh, Mohammad, Assistant Professor of Electrical Engineering
(12/21/2018) Ph.D. (Rice University)

Atanasiu, Traian, Professor of Mathematics
(12/21/2018), Ph.D. (University of Gothenburg)

Atia, George, Associate Professor of Electrical Engineering
(8/8/2012), Ph.D. (Boston University)

Atkins, Danielle, Assistant Professor of Health Management Information
(8/8/2016), Ph.D. (University of Georgia)

Awad, Amro J., Assistant Professor of Electrical Engineering
(8/8/2017) Ph.D. (North Carolina University)

(8/8/2011), Ph.D. (University of California-Davis)

Azevedo, Roger, Professor of Learning Sciences and Educational Research
(1998), Ph.D. (McGill University)

Azimi, Cyrus, Associate Lecturer of Psychology

(8/8/2005), Ph.D. (Michigan State)

· **Bacchus, James**, Faculty Administrator of School of Politics, Security, and International Affairs
(9/1/2017, JD (Florida State University)

Back, Robin, Assistant Professor of Hospitality Management Dean
(8/8/2015), Ph.D. (University of Massachusetts)

Backes, Bethany, Assistant Professor of Department of Criminal Justice| School of Social Work
(8/8/2019), Ph.D., MSW, MPH (University of Maryland Baltimore)

Bagci, Ulas, Assistant Professor of Computer Science
(12/23/2014), Ph.D. (University of Nottingham)

Baggio, Jacopo, Assistant Professor of School of Politics, Security, and International Affairs
(8/8/2018), Ph.D. (University of East Anglia)

Bagley, George, Associate Professor of Nicholson School of Communication and Media
(8/8/1996), M.A. (University of Utah)

Bai, Haiyan, Professor of Learning Sciences and Educational Research
(8/8/2006), Ph.D. (University of Cincinnati)

Bai, Yuanli, Associate Professor of Mechanical and Aerospace Engineering
(1/3/2011), Ph.D. (Massachusetts Institute of Technology)

Baik, Jong, Research Associate of Florida Solar Energy Center
(1/21/2003), Ph.D. (University of Wisconsin-Madison)

Baker, Barry, Faculty Administrator of University Libraries
(4/28/1997), M.A. (Louisiana State)

Baker, Pamela, Lecturer of Writing and Rhetoric
(8/8/2019), M.F.A. (University of Central Florida)

Baker, Thomas, Associate Professor of Criminal Justice
(8/8/2015), Ph.D. (Florida State University)

Balaeff, Alexander, Assistant Professor of Nanoscience Tech Center Operations
(8/1/2012), Ph.D. (University of Illinois-Urbana Champaign)

Baldwin, Gordon, Associate Professor of Educational Leadership and Higher Education
(8/8/2012), Ph.D. (University of Virginia)

Balkwill, David, Professor of Medicine of Com Medical Education
(6/12/2009), Ph.D. (Pennsylvania State University)

Ballantyne, John, Professor of Chemistry; National Center for Forensic Science
(5/8/1998), Ph.D. (St. University of NY at Stony Brook)

Bandres, Miguel, Assistant Professor of Optics & Photonics
(6/10/2011), Ph.D. (California Institute of Technology)

Banerjee, Parag, Associate Professor of Materials Science and Engineering
(8/19/2011) Ph.D. (University of Maryland)

Barber, Sarah, Associate Professor of Anthropology
(8/8/2007), Ph.D. (University of Colorado)

Barber, Daniel, Assistant Professor of Institute For Sim And Train
(2/9/2007), Ph.D. (University of Central Florida)

Barden, Sejal, Assistant Professor of Counselor Education and School Psychology
(8/8/2011), Ph.D. (University of N.C. Greensboro)

Barfield, Rufus, Associate Professor of Nicholson School of Communication and Media
(8/8/1998), Ph.D. (Howard University)

Barkley, Lisa, Assistant Professor Medicine of Com Internal Medicine
(11/1/2010), M.D. (Temple University)

Barnickel, Amy, Lecturer of Writing & Rhetoric
(10/18/1994), Ph.D. (University of Central Florida)

Barone, Brian, Associate Instructor of Modern Languages
(8/8/2006), M.A. (University of Notre Dame)

Barrett-Greenly, Tommi, Asst Instructional Designer of Vice Provost For Info Off
(12/4/2015), Ed.D. (University of Delaware)

Bartkevicius, Jocelyn, Associate Professor of English
(8/8/1994), Ph.D. (University of Iowa)

Bartee, RoSusan, Professor of Educational Leadership and Higher Education
(2003), Ph.D. (University of Illinois at Urbana-Champaign)

Barton, Simon, Professor of History
(1/3/2017), Ph.D. (University of York)

Basco, Buenaventura, Associate Librarian of University Libraries
(6/8/1998), M.A. (University of South Florida)

Bast, Carol, Professor of Legal Studies
(12/23/1992), J.D. (New York Law School)

Bastedo, Kathleen, Asoc Instructional Designer of Vice Provost For Info Off
(9/7/1999), M.Ed. (University of South Florida)

Batarseh, Issa, Professor of Florida Solar Energy Center
(8/8/1991), Ph.D. (University of Illinois)

Baudelet, Matthieu, Assistant Professor of Chemistry
(7/18/2008), Ph.D. (University Claude Bernard Lyon)

Baudot, Lisa, Assistant Professor of Accounting
(8/8/2014), Ph.D. (Higher School of Business & Econ Science)

Bauer, Sue, Asoc Instructional Designer of Vice Provost For Info Off
(8/25/2000), M.A. (University of Central Florida)

Baxter, Janet, Instructor of Pe Eli
(8/8/2015), M.S. (University of the Philippines)

Bayer, Cynthia, Lecturer of Biological Sciences
(8/8/2013), Ph.D. (Syracuse University)

Baz, Ghada, Instructor of Integrated Business
(8/8/2011), M.B.A. (Georgia State University)

Beato, Morris, Assistant Professor of School of Kinesiology and Physical Therapy
(8/8/2015), D.P.T. (University of South Dakota)

Beazley, Melanie, Assistant Professor of Chemistry
(8/8/2015), Ph.D. (Georgia Institute of Tech.)

Beck, Christian, Lecturer of English
(8/8/2011), Ph.D. (Binghamton University)

Becker, Helen, Instructor of Management
(8/8/1996), Ed.D. (University of Central Florida)

Beckler, Zachary, Lecturer of of Nicholson School of Communication and Media
(8/8/2015), M.F.A. (University of Central Florida)

Beckman, James, Professor of Legal Studies
(7/1/2011), J.D. (Ohio State University)

Bedwell, Jeffrey, Associate Professor of Psychology
(6/23/2004), Ph.D. (University of Georgia)

Beever, Jonathan, Assistant Professor of Philosophy
(8/8/2015), Ph.D. (Purdue University)

Beevers, Christopher, Assistant Professor Medicine of Com Medical Education
(6/1/2016), Ph.D. (Louisiana State University)

Beg, Shazia, Assistant Professor Medicine of Com Internal Medicine
(10/7/2011), M.D. (State University of New York)

Behal, Aman, Associate Professor of Electrical Engineering
(8/8/2006), Ph.D. (Clemson University)

Beidel, Deborah, Professor of Psychology
(8/8/2007), Ph.D. (University of Pittsburgh)

Beile, Penney, Librarian of University Libraries
(6/22/1998), Ph.D. (University of Central Florida)

Beiler, Rosalind, Associate Professor of History
(8/8/1994), Ph.D. (University of Pennsylvania)

Bellew, Christine, Assistant Professor Medicine of Com Medical Education
(11/22/2013), M.D. (University of South Florida)

Beltran, Susanny, Assistant Professor of Social Work
(8/8/19), Ph.D. (University of Illinois at Chicago)

Benjamin, David, Assistant Librarian of University Libraries
(9/25/2015), M.A. (University of Wisconsin-Madison)

Bennett, Rebecca, Professor of Management
(8/8/2016), Ph.D. (Northwestern University)

Bennett, Christopher, Assistant Professor of Physics
(8/8/2016), Ph.D. (Chemistry)

Bennett, Luke, Asst Instructional Designer of Vice Provost For Info Off
(6/7/2013), Ed.D. (Nova Southeastern University)

Berman, Steven, Associate Professor of Psychology
(8/8/2001), Ph.D. (Florida International University)

Berman, Stephen, Professor of Medicine of Com Internal Medicine
(10/4/2010), Ph.D. (University of Illinois)

Bermudez, Melissa, Instructor of Social Work
(8/8/19), M.S.W (University of Central Florida)

Berry, Theodorea Regina, Professor of Curriculum Studies
(2019), B.A., Ed.D. (National-Louis University)

Bhanusali, Neha, Assistant Professor Medicine of Com Internal Medicine
(3/5/2013), M.D. (St. George's University)

Bhardwaj, Pradeep, Associate Professor of Marketing
(8/8/2011), Ph.D. (University of Toronto)

Bhattacharya, Aniket, Professor of Physics
(8/8/2000), Ph.D. (University of Maryland)

Bhattacharya, Samik, Assistant Professor of Mechanical and Aerospace Engineering
(10/21/2016), Ph.D. (Ohio State University)

Biddle, Jeffrey, Associate Instructor of School of Kinesiology and Physical Therapy
(8/8/2010), Ed.D. (University of Central Florida)

Biehl, Richard, Lecturer of Industrial Engineering And Management Sys

(12/23/2014), Ph.D. (Walden University)

Biraimah, Karen, Professor of Learning Sciences and Educational Research
(8/9/1985), Ph.D. (State University of NY at Buffalo)

Bishop, Corinne, Associate Librarian of University Libraries
(9/24/2001), M.L.I.S (Florida State University)

Bislick Wilson, Lauren, Assistant Professor of Communication Sciences and Disorders
(8/21/2015), Ph.D. (University of Washington)

Black, David, Instructor of Food Svc & Lodge Management
(8/8/2012), Ph.D. (Indiana University)

Blackwell, Christopher, Associate Professor of Nursing
(8/8/2004), Ph.D. (University of Central Florida)

Blanch, Norine, Lecturer of School of Teacher Education
(8/15/2016), Ph.D. (University of Central Florida)

Blaney, Cerissa, Assistant Professor of Psychology
(8/8/2015), Ph.D. (University of Rhode Island)

Bledsoe, Robert, Lecturer of School of Politics, Security, and International Affairs
(9/16/1968), Ph.D. (University of Florida)

Blemker, Douglas, Instructor of Nicholson School of Communication and Media
(8/8/2015), M.A. (Ball State University)

Blencke, Carl, Instructor of Management
(9/8/2006), Ed.D. (University of Central Florida)

Block, David, Program Dir of Florida Solar Energy Center
(9/16/1968), Ph.D. (VA Polytechnic Institute)

Boginski, Vladimir, Associate Professor of Industrial Engineering And Management Systems
(8/8/2015), Ph.D. (University of Florida)

Bohil, Corey, Associate Professor of Psychology
(8/8/2011), Ph.D. (University of Texas)

Bohlen, Patrick, Professor of Landscape & Nat Resources
(8/8/2010), Ph.D. (Ohio State University)

Boloni, Ladislau, Associate Professor of Computer Science
(8/8/2002), Ph.D. (Purdue University)

Bolt, Pearson, Instructor of Writing & Rhetoric
(8/8/2016), M.A. (University of Central Florida)

Boote, David, Associate Professor of Learning Sciences and Educational Research
(8/8/2000), Ph.D. (Simon Fraser University)

Borges, Carlos, Assistant Professor of Mathematics
(8/8/2018), Ph.D. (Worcester Polytechnic Institute)

Borgon, Robert, Assistant Professor Medicine of Col Of Med School Biomed Science Dean
(8/8/2007), Ph.D. (University of Tennessee)

Bossy-Wetzel, Ella, Professor of Medicine of Col Of Med School Biomed Science Dean
(1/15/2007), Ph.D. (State University of New York)

Bottorff, Timothy, Associate Librarian of University Libraries
(1/12/2004), M.S. (University of Pittsburgh)

Bourgault, Annette, Assistant Professor of Nursing
(8/8/2015), Ph.D. (Georgia Regents University)

Boutton, Andrew, Assistant Professor of School of Politics, Security, and International Affairs
(8/8/2015), Ph.D. (Pennsylvania State University)

Bowdon, Melody, Professor of Academic, Faculty & Int'l Affairs
(8/8/1999), Ph.D. (University of Arizona)

Bowen, Wayne, Professor of History
(2017), B.A., M.A., Ph.D. (Northwestern University)

Bowers, Clint, Professor of Psychology
(10/12/1990), Ph.D. (University of South Florida)

Boyd, Belinda, Associate Professor of School Of Performing Arts
(8/8/2002), M.F.A. (University of Louisville)

Boyle, Shawn, Assistant Professor of School Of Performing Arts
(8/8/2016), M.A. (Yale University)

Bradley, Eric, Associate Scholar/Scientist/E of Florida Space Institute
(11/19/2007), Ph.D. (University of Colorado)

Bradley Thacker, Linda, Faculty Administrator of Regional Campus Daytona Beach
(4/30/2007), Ph.D. (Florida State University)

Bradshaw, Emily, Assistant Professor Medicine of Col Of Med School Biomed Science Dean
(8/8/2015), Ph.D. (University of Kentucky)

Branting, Scott, Assistant Professor of Anthropology
(8/8/2015), Ph.D. (University at Buffalo, State University of New York)

Brasel, Nancy, Senior Instructor of School of Teacher Education
(8/8/1999), M.Ed. (University of Central Florida)

Braun, Bradley, Associate Professor of Economics
(8/8/1986), Ph.D. (Tulane University)

Brazendale, Keith, Assistant Professor of Health Sciences
(8/8/2019), Ph.D. (University of South Carolina)

Breit, Donna, Instructor of Nursing
(1/5/2015), M.S.N (University of Central Florida)

Breiter Terry, Deborah, Professor of Tourism Events & Attractions
(8/8/2000), Ph.D. (University of South Carolina)

Brenckle, Martha, Professor of Writing & Rhetoric
(8/8/1998), Ph.D. (Lehigh University)

Brennan, Joseph, Professor of Mathematics
(8/8/2006), Ph.D. (University of Illinois)

Bricker, Todd, Lecturer of Criminal Justice
(8/8/2016), Ph.D. (Michigan State University)

Bridge, Candice, Assistant Professor of Chemistry
(1/10/2008), Ph.D. (University of Central Florida)

Briggs, Cheryl, Associate Professor of School Of Visual Arts & Design
(8/8/2009), M.F.A. (Savannah College of Art & Design)

Brisbois, Elizabeth, Assistant Professor of Materials Science and Engineering
(8/15/2014 Ph.D. (University of Michigan)

Brisset, Julie, Associate In of Florida Space Institute
(5/23/2014), Ph.D. (Tech. University of Braunschweig)

Britt, Daniel, Professor of Physics
(3/24/2003), Ph.D. (Brown University)

Brodie, Lyman, Professor of College Of Arts And Hum Dean
(8/8/1990), M.A. (University of N. Texas)

Brooker, Robert, Assistant Professor of Florida Solar Energy Center
(3/16/2009), Ph.D. (University of Connecticut)

Brooks, Lisa, Associate Lecturer of School of Teacher Education
(8/8/2009), Ed.D. (University of Central Florida)

Brophy-Ellison, James, Lecturer of Psychology
(9/16/1969), Ph.D. (Vanderbilt University)

Brown, Timothy, Associate Professor of Nicholson School of Communication and Media
(8/8/2004), Ph.D. (University of South Carolina)

Brown, James, Associate Lecturer of School Of Performing Arts
(12/29/2000), M.F.A. (San Diego State University)

Brown, Kevin, Lecturer of Social Work
(8/8/2013), Ph.D. (Florida State University)

Brown, Shelley, Research Associate of Institute For Sim And Train
(8/11/1999), B.A. (Florida State University)

Bruder, Gerd, Assistant Professor of Institute For Sim And Train
(9/1/2016), Ph.D. (University of Munster)

Brueckner, Thomas, Lecturer of Physics
(8/20/2002), Ph.D. (Montana State University)

Brunson, Richard, Associate Instructor of Nicholson School of Communication and Media
(8/8/2003), M.A. (University of South Florida)

Bryan, Matthew, Associate Lecturer of Writing & Rhetoric
(8/8/2009), M.F.A. (University of Central Florida)

Bryer, Thomas, Professor of Public Administration
(8/8/2007), Ph.D. (University of Southern California)

Bubriski, Anne, Lecturer of College Of Arts And Hum Dean
(8/8/2015), Ph.D. (University of Central Florida)

Buchanan, Carolyn, Instructor of Communication Sciences and Disorders
(8/4/2012), M.A. (University of Central Florida)

Buck, Tina, Assistant Librarian of University Libraries
(8/8/2015), MLS (University of Pittsburgh)

Buckingham, Gregg, Lecturer of Public Administration
(8/8/2016), Ed.D. (University of Central Florida)

Bufquin, Diego, Assistant Professor of Food Svc & Lodge Management
(8/8/2015), Ph.D. (University of South Carolina)

Buhagiar, Tarek, Instructor of Integrated Business
(8/8/2001), M.A.AE (University of Central Florida)

Bukaty, Caitlyn, Research Asociate
(2016), Ph.D., (University of Central Florida)

Bukstein, Scott, Instructor of Sport Business Management
(8/8/2011), J.D. (University of Minnesota)

Bunn, Suzan, Instructor of Tourism Events & Attractions
(1/8/2007), M.S.M (University of Central Florida)

Burgunder, Carol, Instructor of Nursing
(8/8/2015), M.S. (Pennsylvania State University)

Burke, Shawn, Professor of Institute For Sim And Train

(2/26/2001), Ph.D. (George Mason University)

Burr, Joyce, Lecturer of Nursing
(9/3/2010), Ph.D. (University of Central Florida)

Burrell, Jason, Associate Lecturer of School Of Visual Arts & Design
(8/26/2002), M.F.A. (University of Cincinnati)

Burroughs, Heather, Instructor of Social Work
(9/23/2016), M.S.W (University of Central Florida)

Burroughs, Steven, Instructor of Health Sciences
(8/8/2021), M.S. (Brooklyn College at City University of New York)

Busch, Maria, Faculty Administrator of School of Teacher Education
(2005), Ph.D. (University of Illinois)

Bush, Mark, Lecturer of Health Management Information
(8/8/2016), DHA. (Central Michigan University)

Bush, Sarah, Associate Professor of School of Teacher Education
(2011), Ph.D. (University of Louisville)

Bushy, Angeline, Professor of Nursing
(1/2/1996), Ph.D. (University of Texas-Austin)

Butchard, William, Lecturer of Philosophy
(8/8/2011), Ph.D. (University of Florida)

Butcher, Lonny, Instructor of Office Of Student Support
(5/16/1997), M.A. (Louisiana State University)

Butler, Sylvester, Professor of Counselor Education and School Psychology
(8/8/2007), Ph.D. (University of Connecticut)

Butler, Malcolm, Professor of School of Teacher Education
(8/8/2012), Ph.D. (University of Florida)

Butts, Michele, Lecturer of Nursing
(8/8/2017), PhD (Barry University)

Byrd, Anthony, Associate Professor of Finance
(8/8/1993), Ph.D. (University of South Carolina)

Calabrese, Mark, Associate Instructor of Industrial Engineering And Management Sys
(8/8/2005), M.S.E (University of Central Florida)

Calandrino, Nancy, Asst Instructional Designer of Vice Provost For Info Off
(1/24/2014), M.Ed. (American InterContinental University)

Calkins, Vanessa, Instructor of Writing & Rhetoric
(8/8/2012), M.A. (University of Central Florida)

Callaghan, Michael, Assistant Professor of Anthropology
(8/8/2015), Ph.D. (Vanderbilt University)

Cameron, James, Lecturer of School Of Visual Arts & Design
(8/8/2015), M.F.A. (Academy of Art University)

Campbell, Laurie, Assistant Professor of Learning Sciences and Educational Research
(8/8/2012), Ed.D. (Regent University)

Campbell, James, Associate Professor of English
(8/8/1996), Ph.D. (University of Notre Dame)

Campiglia, Andres, Professor of Chemistry; National Center for Forensic Science
(8/8/2003), Ph.D. (University of Florida)

Campins, Humberto, Professor of Physics
(8/16/2002), Ph.D. (University of Arizona)

Cannarozzi, Maria, Associate Professor Medicine of Com Internal Medicine
(10/27/2008), M.D. (University of South Florida)

Capozza, John, Assistant In of Institute For Sim And Train
(3/4/2011), B.A. (University of Central Florida)

Capursi, Maria, Associate Lecturer of Mathematics
(8/8/2007), Ph.D. (University of Delaware)

Caputo, Michael, Professor of Economics
(8/8/2003), Ph.D. (University of Washington)

Caranto, Jonathan, Assistant Professor of Chemistry
(1/8/2018), (University of Texas at San Antonio)

Carbone, Thomas, Research Associate of FI Interactive Entertainment Academic
(7/15/2005), ME (University of Utah)

Carlson, Keith, Associate Instructor of Mathematics
(8/8/2009), M.S. (University of Illinois)

Carnaby, Giselle, Professor of Communication Sciences and Disorders
(8/8/2015), Ph.D. (Curtin University of Technology)

Carrasquel, Nicole, Instructor of Modern Languages
(8/8/2008), M.A. (University of Central Florida)

Carroll, Deborah, Associate Professor of Public Administration
(12/21/2016), Ph.D. (University of Wisconsin)

Carroll, Pamela, Professor of College of Community Innovation and Education
(7/27/2015), Ed.D. (Auburn University)

Carter, James, Associate Professor of Sociology
(8/8/2007), Ph.D. (University of South Carolina)

Carter, Shannon, Associate Professor of Sociology
(8/8/2007), Ph.D. (University of Florida)

Cash, Mason, Associate Professor of Philosophy
(8/8/2003), Ph.D. (University of Alberta)

Casimir, Yun-Ling, Assistant Professor of School Of Performing Arts
(12/21/2007), DM.A. (Ohio State University)

Casmier-Paz, Lynn, Associate Professor of English
(8/8/1997), Ph.D. (University of Pittsburgh)

Cassanello, Robert, Associate Professor of History
(8/8/2003), Ph.D. (Florida State University)

Cassisi, Jeffrey, Professor of Psychology
(12/21/2007), Ph.D. (University of Florida)

Castiglioni, Analia, Associate Professor Medicine of Com Internal Medicine
(10/12/2012), M.D. (Drexel University)

Castro, Meirelys, Assistant Professor Medicine of Com Internal Medicine
(11/4/2016), M.D. (University of Florida)

Catania, Jelena, Assistant Professor Medicine of Com Internal Medicine
(1/2/2015), M.D. (New York Medical College)

Catbas, Fikret, Professor of Civil Engineering
(8/8/2003), Ph.D. (University of Cincinnati)

Cato, Farida, Associate Instructor of English
(8/8/2002), M.A. (University of Central Florida)

Caudy, Michael, Assistant Professor of Criminal Justice
(01/01/2011), Ph.D. (University of South Florida)

Caulkins, Bruce, Assistant Professor of Institute For Sim And Train
(1/4/2016), Ph.D. (University of Central Florida)

Cavanagh, Thomas, Faculty Administrator of Vice Provost For Info Off
(2/9/2009), Ph.D. (University of Central Florida)

Cavanaugh, Pamela, Faculty Administrator of Regional Campuses
(8/13/1999), Ed.D. (University of Central Florida)

Ceballos, Marjorie, Assistant Professor of Education Leadership and Higher Education
(2016), Ed.D. (University of Central Florida)

Cendan, Juan, Professor of Medicine of Com Medical Education
(7/20/2010), M.D. (University of Florida)

Ceron Mendez, Rey, Instructor of Pe Eli
(8/8/2015), M.A. (California State University Fresno)

Chai, Xinqing, Associate Professor Medicine of Col Of Med School Biomed Science Dean
(8/8/1996), Ph.D. (Medical University of South Carolina)

Chakrabarti, Ratna, Associate Professor Medicine of Col Of Med School Biomed Science Dean
(8/8/1996), Ph.D. (University of Calcutta)

Chakrabarti, Debopam, Professor of Medicine of Col Of Med School Biomed Science Dean
(8/8/1995), Ph.D. (University of Calcutta)

Challapalli, Suryanarayana, Professor of Mechanical and Aerospace Engineering
(1/8/2001), Ph.D. (Banaras Hindu University)

Chambers, Lisa, Assistant Professor of Biological Sciences
(8/8/2015), Ph.D. (University of Florida)

Chan, Chung Yong, Lecturer of Electrical Engineering
(8/15/2011), Ph.D. (University of Mississippi)

Chanda, Debashis, Associate Professor of Nanoscience Tech Center Operations
(8/8/2012), Ph.D. (University of Toronto)

Chandler, Michelle, Lecturer of Health Management Information
(2/10/1995), Ph.D. (University of Central Florida)

Chang, Zenghu, University Trustee Chair, Pegasus and Distinguished Professor of Physics, Optics and Photonics
(8/8/2010), Ph.D. (Chinese Academy of Sciences)

Chang, Ni-bin, Professor of Civil Engineering
(8/8/2005), Ph.D. (Cornell University)

Chapple, Reshawna, Associate Professor of Social Work
(8/8/2014), Ph.D. (Arizona State University)

Chasar, David, Assistant In of Florida Solar Energy Center
(1/26/1996), B.S. (University of Texas/Arling)

Chase, Susan, Professor of Nursing
(8/8/2009), Ed.D. (Harvard University)

Chatterjee, Mainak, Associate Professor of Computer Science
(8/8/2002), Ph.D. (University of Texas at Arlington)

Chen, Po-Ju, Associate Professor of Hospitality Management Services
(8/8/2002), Ph.D. (Pennsylvania State University)

Chen, Gang, Assistant Professor of Chemistry
(8/8/2016), Ph.D. (Graduate Uni. of Chinese Acad. of Sci.)

Chen, Bo, Associate Professor of Physics
(8/8/2011), Ph.D. (Northwestern University)

Chen, Quanfang, Professor of Mechanical and Aerospace Engineering
(12/22/2000), Ph.D. (Tsinghua University)

Chen, Zhongzhou, Assistant Professor of Physics
(8/8/2016), Ph.D. (University of Illinois, Urbana-Champaign)

Chen, Honghui, Associate Professor of Finance
(8/8/2003), Ph.D. (Virginia Tech)

Chen, Baiyun, Asoc Instructional Designer of Vice Provost For Info Off
(1/26/2007), Ph.D. (University of Central Florida)

Chen, Kenle, Assistant Professor of Electrical Engineering
(8/8/2018) Ph.D. (Purdue University)

Chen, Limei, Scholar/Scientist/Eng Medicine of Col Of Med School Biomed Science Dean
(9/8/2006), M.A. (Hunan Medical University)

Chen, Shi, Assistant Scholar/Scientist of Optics and Photonics
(6/17/2013), Ph.D. (Shanghai Institute of Ceramics)

Chen, Xuan, Asst Scholar/Scient/Eng Medici of Col Of Med School Biomed Science Dean
(1/9/2017)

Cheng, Zixi, Associate Professor Medicine of Col Of Med School Biomed Science Dean
(8/8/2005), Ph.D. (Purdue University)

Cheong, Caroline, Assistant Professor of History
(8/8/2016), Ph.D. (University of Pennsylvania)

Chernyak, Leonid, Professor of Physics
(11/16/1999), Ph.D. (Weizmann Institute of Science)

Chesnut, Jason, Instructor of Psychology
(8/8/2010), M.S. (University of Central Florida)

Chin, Matthew, Associate Lecturer of Psychology
(8/8/1998), Ph.D. (University of Cali., Santa Barbara)

Chini, Jacquelyn, Assistant Professor of Physics
(12/22/2010), Ph.D. (Kansas State University)

Chini, Michael, Assistant Professor of Physics
(12/21/2012), Ph.D. (University of Central Florida)

Chisholm, Latarsha, Associate Professor of Health Management Information
(8/8/2012), Ph.D. (University of Florida)

Cho, Hyoung, Professor of Mechanical and Aerospace Engineering
(7/12/2002), Ph.D. (University of Cincinnati)

Choi, Hwan, Assistant Professor of Mechanical and Aerospace Engineering
(8/8/2018), Ph.D. (University of Washington)

Choi, Yoon, Associate Professor of Finance
(8/8/1997), Ph.D. (University of Michigan)

Choi Yoo, Sung, Assistant Professor of Health Management Information
(2015), Ph.D. (University of Minnesota-Twin)

Chopra, Manoj, Professor of Civil Engineering
(8/8/1993), Ph.D. (State University of New York, Buffalo)

Choudhury, Sudipto, Professor of Mathematics
(8/8/1990), Ph.D. (Cornell University)

Chow, Louis, Professor of Mechanical and Aerospace Engineering
(12/21/1995), Ph.D. (University of California)

Chow, Lee, Professor of Physics
(8/5/1983), Ph.D. (Clark University)

Christodoulides, Demetrios, Pegasus Professor of Optics and Photonics, Cobb Family Endowed Chair
(8/26/2002), Ph.D. (Johns Hopkins University)

Chowdhury, Monsur, Assistant Professor of Statistics and Data Science
(5/1/2018), Ph.D. (University of Manitoba)

Chumbimuni Torres, Karin, Associate Professor of Chemistry
(8/8/2012), Ph.D. (State University of Campinas)

Chung, Wingyan, Associate Professor of Institute For Sim And Train
(8/8/2015), Ph.D. (University of Arizona)

Chuo, Chinyen, Instructional Specialist of Undergrad Study Experience Lrng
(9/12/2014), M.S. (University of Central Florida)

Clark, James, Associate Lecturer of History
(8/8/1999), Ph.D. (University of Florida)

Clark, Margaret, Associate Lecturer of Learning Sciences and Educational Research
(6/14/2010), Ph.D. (University of Memphis)

Cleavenger, Dean, Lecturer of Management
(8/8/2007), Ph.D. (University of Mississippi)

Clercx, Byron, Professor of School Of Visual Arts & Design
(8/8/2013), M.F.A. (Cali. State University-Fullerton)

Coffey, Kevin, Professor of Materials Science And Engineering
(8/8/2002), Ph.D. (Massachusetts Inst. of Tech.)

Cole, Alexander, Professor of Medicine of Col Of Med School Biomed Science Dean
(8/8/2003), Ph.D. (University of Med and Dentistry of NJ)

Cole, Amy, Associate Professor Medicine of Col Of Med School Biomed Science Dean
(5/17/2004), Ph.D. (University of Med & Dent of NJ)

Coleman, Therese, Instructor of Communication Sciences and Disorders
(8/8/2015), M.A. (University of Central Florida)

Collins, Steven, Associate Professor of Nicholson School of Communication and Media
(8/8/2003), Ph.D. (Syracuse University)

Colon, Carlos, Assistant In of Florida Solar Energy Center
(12/22/1989), B.A. (Interamerican University)

Colon Mendoza, Ilenia, Associate Professor of School Of Visual Arts & Design
(8/8/2010), Ph.D. (Penn. State University)

Colwell, Joshua, Professor of Physics
(12/21/2006), Ph.D. (University of Colorado)

Combs, James, Professor of Management
(8/8/2015), Ph.D. (Louisiana State University)

Connell, Leslie, Associate Instructor of Integrated Business
(8/8/1995), M.B.A. (University of Central Florida)

Conner, Norma, Associate Professor of Nursing
(8/16/2010), Ph.D. (Rutgers University)

Conroy, Annabelle, Lecturer of School of Politics, Security, and International Affairs
(8/8/2004), Ph.D. (University of Pittsburgh)

Consalo, Marc, Associate Lecturer of Legal Studies
(12/20/2013), J.D. (University of Florida)

Consalo, Karen, Lecturer of Legal Studies
(8/8/2016), J.D. (University of Florida)

Conway, Jonathan, Instructor of Nicholson School of Communication and Media
(8/8/2014), M.A. (Ball State University)

Cook, Chista, Associate Professor of Nursing
(8/8/2018), PhD (University of Florida)

Cook, Geoffrey, Assistant Professor of Biological Sciences
(8/8/2015), Ph.D. (University of California)

Cook, Jesse, Assistant Professor of School Of Performing Arts
(8/8/2019), DM.A. (University of Texas at Austin)

Cooney, James, Associate Lecturer of Physics
(8/8/2005), Ph.D. (University of Florida)

Cooper, Larry, Lecturer of School Of Visual Arts & Design
(8/8/2003), M.F.A. (University of Georgia)

Copik, Alicja, Asst Scholar/Scient/Eng Medici of Col Of Med School Biomed Science Dean
(12/19/2012), Ph.D. (Utah State University)

Coronado, Katidia, Associate Instructor of Nicholson School of Communication and Media
(8/8/2012), M.A. (Rollins College)

Correa, Eda, Assistant Librarian of University Libraries
(4/23/1999), M.A. (University of Puerto Rico)

Cortelyou-Ward, Kendall, Associate Professor of Health Management Information
(8/2/2002), Ph.D. (University of Central Florida)

Corzine, Harold, Professor of Sociology
(8/8/1996), Ph.D. (Washington University)

Cosby, Janel, Lecturer of Communicative Disorders
(5/1/2015), Ph.D. (East Carolina University)

Covelli, Maureen, Associate Professor of Nursing
(8/8/1989), Ph.D. (University of Florida)

Cox, Jonathan, Assistant Professor of Sociology
(8/8/2017), Ph.D. (University of Maryland - College Park)

Cox, Thomas, Associate Professor of Educational Leadership and Higher Education
(8/8/2012), Ed.D. (University of Memphis)

Cox, Karen, Associate Instructor of Psychology
(2/18/2000), M.A. (University of Central Florida)

Craighead, Jamie, Instructor of Integrated Business
(12/21/2016), M.A. (University of South Florida)

Crampton, William, Associate Professor of Biological Sciences
(8/18/2006), Ph.D. (University of Oxford)

Crawford, Kaitlyn, Assistant Professor of Materials Science and Engineering
(5/21/2015), Ph.D. (University of Maryland)

Crary, Michael, Professor of Communication Sciences and Disorders
(8/8/2015), Ph.D. (Ohio University)

Creque, Carole, Lecturer of Integrated Business
(8/8/2016), D.B.A. (Nova Southeastern University)

Croes, Robertico, Professor of Hospitality Management Dean
(9/6/2002), Ph.D. (University of Twente)

Croft, Max, Research Associate of Nicholson School of Communication and Media
(8/8/2005), B.F.A (Florida State University)

Crossley, Craig, Assistant Professor of Management
(8/8/2012), Ph.D. (Bowling Green State University)

Cummings, Jo, Assistant In of Florida Solar Energy Center
(11/22/2002), B.A. (Bradley University)

Curcio, Richard, Associate Lecturer of Finance
(9/8/2006), Ph.D. (Pennsylvania State University)

Da Vitoria Lobo, Niels, Associate Professor of Computer Science
(12/23/1992), Ph.D. (University of Toronto)

Dagley, Melissa, Faculty Administrator In Science Tech English & Math
(9/14/2001), Ed.D. (University of Central Florida)

Daly, Katherine, Assistant Professor Medicine of Com Clinical Science
(10/10/2014), Ph.D. (University of Florida)

Damato-Kubiet, Leslee, Associate Lecturer of Nursing
(2/10/2006), Ph.D. (University of Central Florida)

Damico, Nicole, Assistant Professor of School of Teacher Education
(8/8/2015), Ph.D. (Pennsylvania State University)

Dandrow, Edward, Assistant Professor of History
(8/8/2005), Ph.D. (University of Chicago)

Dangiolo, Mariana, Assistant Professor Medicine of Com Internal Medicine
(6/25/2010), M.D. (University of Buenos Aires)

Danielsson, Per, Associate Professor of School Of Performing Arts
(8/8/2007), MM (University of South Florida)

Danker, Elizabeth, Assistant Professor of Nicholson School of Communication and Media
(8/8/2014), M.F.A. (University of Wisconsin-Milwaukee)

Daoudi, Mohammed, Lecturer of Chemistry
(8/8/2007), Ph.D. (University of Central Florida)

Darty, Amy, Associate Instructor of History
(8/8/2004), M.A. (University of Central Florida)

Das, Tirthatanmoy, Assistant Professor of Economics
(7/1/2014), Ph.D. (Binghamton University)

Das, Tuhin, Associate Professor of Mechanical and Aerospace Engineering
(6/15/2011), Ph.D. (Michigan State University)

Davey, Diane, Professor of Medicine of Com Clinical Science
(10/22/2007), M.D. (Washington University)

Davidson, Victor, Professor of Medicine of Col Of Med School Biomed Science Dean
(8/1/2011), Ph.D. (Texas Tech University)

Davila, Victor, Assistant Professor of School Of Visual Arts & Design
(1/3/2003), M.F.A. (University of Central Florida)

Davis, Kristopher, Assistant Professor of Materials Science and Engineering
(5/7/2015), Ph.D. (University of Central Florida)

Dawson, Nicole, Assistant Professor of School of Kinesiology and Physical Therapy
(8/8/2015), Ph.D. (Cleveland State University)

Dawson, Virgil, Assistant Professor Medicine of Com Internal Medicine
(12/15/2014), M.D. (Virginia Commonwealth University)

de Bekker, Adriana, Assistant Professor of Biological Sciences
(12/21/2016), Ph.D. (University Utrecht)

De George, Lauren, Associate Instructor of Management
(8/21/1998), Ed.D. (University of Central Florida)

De Luca Guerriero, Rita, Instructor of Modern Languages
(8/8/2014), M.A. (University of Central Florida)

Deatrick, Christine, Instructor of Nursing
(8/11/1995), M.S.N (University of Central Florida)

Dechev, Damian, Associate Professor of Computer Science
(8/8/2010), Ph.D. (Texas A&M University)

Decker, Jonathan, Lecturer of Nursing
(8/8/2010), Ph.D. (University of Central Florida)

Decker, Veronica, Assistant Professor of Nursing
(8/8/2016), DNP (Wayne State University)

Deery, Todd, Research Associate of FI Interactive Entertainment Academic
(6/3/2005), M.A. (Stetson University)

Dees, Stuart, Instructor of Writing & Rhetoric
(12/23/2015), M.A. (University of Central Florida)

DeGennaro, Joyce, Instructor of Nursing
(8/8/2014), M.S.N (University of Central Florida)

Deibert, Nancy, Instructional Specialist of Sdes Creative School
(9/11/2015), B.S.Ed. (Indiana University of PA)

Del Barco, Enrique, Professor of Physics; Associate Dean College of Sciences
(12/22/2004), Ph.D. (University of Barcelona)

Delfyett, Peter, University Trustee Chair, Pegasus Professor of Optics and Photonics, ECE & Physics; Director,
Townes Laser Institute
(12/1/1993), Ph.D. (City University of New York)

DeMara, Ronald, Professor of Electrical Engineering
(12/23/1992), Ph.D. (University of South California)

Demek, Kristina, Assistant Professor of Accounting
(7/1/2014), Ph.D. (University of Washington)

DeMicco, Frederick, Professor of Food Svc & Lodge Management
(12/21/2016), Ph.D. (Virginia Tech)

Deng, Sai, Associate Librarian of University Libraries
(8/8/2012), M.S. (University of IL at Urbana-Champaign)

Dennis, Lynda, Instructor of Accounting
(3/11/2005), Ph.D. (University of Central Florida)

Dennis, Dana-Marie, Lecturer of Chemistry; National Center for Forensic Science

(10/23/2015), Ph.D. (University of Central Florida)

Denoyelles, Aimee, Asoc Instructional Designer of Vice Provost For Info Off
(6/30/2011), Ed.D. (University of Cincinnati)

Deppe, Dennis, Professor of Optics and Photonics
(6/1/2005), Ph.D. (University of Illinois)

Desiraju, Ramarao, Professor of Marketing
(8/8/1999), Ph.D. (University of Florida)

Desmarais, Paul, Associate Lecturer of Nursing
(8/8/2003), Ph.D. (University of Massachusetts)

Desormes, Punam, Instructor of Communication Sciences and Disorders
(08/07/2004), M.A. (University of Florida)

Dever, Kimberly, Instructor of Nursing
(8/23/2010), M.S.N (Duquesne University)

Dexter, Nadine, Faculty Administrator Medicine of Com Plng & Knowledge Management
(4/28/2008), M.S. (Florida State University)

Dhere, Neelkanth, Program Dir of Florida Solar Energy Center
(5/14/1990), Ph.D. (University of Poona)

Diaz, Desiree, Assistant Professor of Nursing
(8/8/2015), Ph.D. (University of Connecticut)

Dibernardo, Sabatino, Associate Lecturer of Philosophy
(8/8/2001), Ph.D. (Syracuse University)

Dickerson, Andrew, Assistant Professor of Mechanical and Aerospace Engineering
(8/8/2016), Ph.D. (Georgia Institute of Technology)

Dickie, Mark, Professor of Economics
(8/8/2001), Ph.D. (University of Wyoming)

Dickson, Duncan, Associate Professor of Tourism Events & Attractions
(8/8/2001), Ed.D. (University of Central Florida)

Dieker, Lisa, Professor of School of Teacher Education
(8/8/2003), Ph.D. (University of Illinois)

Diercksen, Christa, Associate Lecturer of Biological Sciences
(8/8/2012), Ph.D. (Boston University)

Dierdorff, Wesley, Assistant Professor of School Of Visual Arts & Design
(8/8/2015), M.F.A. (University of Oregon)

Dil, Nyla, Assistant Professor Medicine of Com Medical Education
(10/1/2015), Ph.D. (North Carolina State University)

DiLiberto, Stacey, Lecturer of Philosophy
(8/8/2019), Ph.D. (University of Central Florida)

Dimitrovski, Aleksandar, Associate Professor of Electrical Engineering
(8/8/2016), Ph.D. (Sts. "Cyril and Methodius" Uni. of Skopje)

DiNapoli, Joseph, Senior Instructor of Communication Sciences and Disorders
(8/8/2002), M.S. (Columbia University)

Divliansky, Ivan, Research Assistant Professor of Optics and Photonics
(12/4/2006), Ph.D. (Pennsylvania State University)

Dixon, Donovan, Associate Lecturer of Chemistry
(8/8/2006), Ph.D. (University of the West Indies)

Dixon, Juli, Professor of School of Teacher Education
(8/8/2000), Ph.D. (University of Florida)

Dobson, Leonard, Faculty Administrator of School of Politics, Security, and International Affairs
(1/10/2010), Ph.D. (Florida State University)

Dodd, Melissa, Associate Professor of Nicholson School of Communication and Media
(8/8/2013), Ph.D. (University of Miami)

Dogariu, Aristide, Professor of Optics and Photonics
(8/25/1997), Ph.D. (Hokkaido University)

Doherty, Walter, Assistant Professor of Educational Leadership and Higher Education
(8/8/2007), Ph.D. (State University of NY at Albany)

Dolan, Thomas, Associate Professor of School of Politics, Security, and International Affairs
(12/22/2010), Ph.D. (Ohio State University)

Dombrowski, Matthew, Assistant Professor of School Of Visual Arts & Design
(8/8/2010), M.F.A. (University of Central Florida)

Donaldson-Hanna, Kerri, Assistant Professor of Physics
(3/15/2019), Ph.D. (Brown University)

Dong, Yajie, Assistant Professor of Material Science and Engineering
(8/8/2014), Ph.D. (Harvard University)

Donley, Amy, Associate Professor of Sociology
(8/25/2008), Ph.D. (University of Central Florida)

Donoghue, Joseph, Associate Professor of Physics
(8/8/2015), Ph.D. (University of Southern California)

Dooley, Elizabeth, Professor, Office of the Dean, College of Community Innovation and Education
(8/21/2015), Ed.D. (West Virginia University)

Dorman, Teresa, Faculty Administrator; Associate Dean, College Of Sciences
(10/4/1996), Ed.D. (University of Central Florida)

Dotson, Denise, Assistant Librarian of University Libraries
(1/12/2007), M.A. (University of South Florida)

Douglas, Pamela, Assistant Professor of Institute For Sim And Train
(8/8/2016), Ph.D.

Dove, Adrienne, Assistant Professor of Physics
(6/8/2012), Ph.D. (University of Colorado, Boulder)

Dow, Tina, Assistant Professor Medicine of Col Of Med School Biomed Science
(8/8/2016), Ph.D. (West Virginia University)

Dreilinger, Gillian, Associate Instructor of Communication Science and Disorders
(8/18/1989), M.S. (Texas Tech University)

Drexler, Richard, Instructor of School Of Performing Arts
(8/8/2016), M.A. (University of Central Florida)

Driggers, Ronald, Professor of CREOL, The College of Optics & Photonics
(5/5/1990) Ph.D. (University of Memphis)

Duarte, Esmeralda, Lecturer of Modern Languages
(8/8/2016), Ph.D. (University of Florida)

Dubey, Archana, Associate Lecturer of Physics
(8/20/2002), Ph.D. (Bhavnagar University)

Duckworth, Nancy, Instructor of Nursing
(8/8/2015), M.S.N (University of South Alabama)

Duffy, Alicia, Instructor of History
(12/22/2004), M.A. (University of Memphis)

Duke, Jeff, Associate Lecturer of School of Kinesiology and Physical Therapy
(8/8/2002), Ed.D. (Florida State University)

Duncan, Neil, Assistant Professor of Anthropology
(8/8/2015), Ph.D. (University of Missouri)

Dungee, Loren, Instructional Specialist of Sdes Creative School
(9/7/2012), B.S. (Southeast Missouri State University)

Dunlop-Pyle, Lori, Associate Instructor of Mathematics
(8/8/1999), M.A. (University of Central Florida)

Dunn, Michael, Associate Professor of Psychology
(8/8/1997), Ph.D. (University of South Florida)

Dupras, Tosha, Professor of Anthropology; Associate Dean College of Sciences
(8/8/1999), Ph.D. (McMaster University)

Dupuis, Martin, Associate Professor of Honors College Dean
(8/1/2006), Ph.D. (University of Southern California)

Duranceau, Steven, Professor of Civil Engineering
(7/6/2007), Ph.D. (University of Central Florida)

Durrani, Brittany, Instructor of Statistics and Data Science
(8/8/2016), MS (Mississippi State University)

Durham, Barbara, Associate Instructor of Accounting
(8/13/2003), M.A. (Georgia State University)

Dusseau, Michelle, Instructor of Nicholson School of Communication and Media
(8/8/2006), M.A. (Rollins College)

Dutkay, Dorin, Associate Professor of Mathematics
(8/8/2006), Ph.D. (University of Iowa)

Dvorak, Robert, Assistant Professor of Psychology
(8/8/2016), Ph.D. (University of South Dakota)

Dziuban, Charles, Faculty Administrator of Vice Provost For Info Off
(9/16/1970), Ph.D. (University of Wisconsin)

Eakins, Michael, Assistant In of Institute For Sim And Train
(9/17/2010), B.A. (University of Central Florida)

Earley-Spadoni, Tiffany, Assistant Professor of History
(8/8/2016), Ph.D. (Johns Hopkins University)

Eastes, Richard, Research Associate of Florida Space Institute
(12/21/2000), Ph.D. (John Hopkins University)

Ebert, Steven, Associate Professor Medicine of Col Of Med School Biomed Science
(7/1/2005), Ph.D. (Ohio State University)

Eckhoff, Dawn, Instructor of Nursing
(8/8/2016), M.S.N (University of Florida)

Edison, John, Instructor of Electrical Engineering
(8/16/2013), M.S.PE (University of Central Florida)

Edmonson, Chloe, Assistant Professor of School of Performing Arts
(8/8/2019), Ph.D. (City University of New York)

Edwards, Dustin, Assistant Professor of Writing & Rhetoric
(8/8/2016), Ph.D. (Miami University)

Edwards, Joellen, Professor of Nursing
(8/8/2015), Ph.D. (Ohio University)

Edwards, Oliver, Professor of Counselor Education and School Psychology
(1/2/2003), Ph.D. (University of Florida)

Edwards, Barry, Lecturer of School of Politics, Security, and International Affairs
(8/8/2014), Ph.D. (University of Georgia)

Edyburn, Dave, Professor of College of Community Innovation and Education
(8/8/2016), Ph.D. (University of Illinois at Urbana-Champaign)

Efthimiou, Costas, Associate Professor of Physics
(9/15/2000), Ph.D. (Cornell University)

Ehasz, Maribeth, Faculty Administrator of Sdes Vice President Operation
(10/24/1994), Ph.D. (University of Toledo)

Ehrhart, Mark, Professor of Psychology
(8/8/2017), Ph.D. (University of Maryland)

Elam-Thomas, Harriet, Faculty Administrator of University President
(3/6/2006), M.A. (Tufts University)

Elashhab, Shady, Lecturer of Electrical Engineering
(9/3/2010), Ph.D. (Oakland University)

Elgohary, Tarek, Assistant Professor of Mechanical and Aerospace Engineering
(8/8/2016), Ph.D. (Texas A&M University)

Ellis, Elden, Associate Professor of College Of Business Dean
(8/8/1990), Ph.D. (Texas A&M University)

Elsheimer, Seth, Associate Professor of Chemistry
(8/9/1985), Ph.D. (University of Florida)

Elshennawy, Ahmad, Professor of Industrial Engineering And Management Sys
(8/8/1986), Ph.D. (Pennsylvania State University)

Elswick, Powell, Instructor of Health Management Information
(8/14/2015), M.S. (Central Michigan University)

Eluru, Naveen, Associate Professor of Civil Engineering
(8/8/2014), Ph.D. (University of Texas at Austin)

Emrich, Christopher, Associate Professor of Public Administration
(8/8/2016), Ph.D. (University of South Carolina)

Engelhoven, Amy, Lecturer of Communication Sciences Disorders
(8/6/2016) Ph.D. (University of Arkansas for Medical Sciences)

Enyioha, Chinwendu, Assistant Professor of Electrical Engineering
(8/8/2018) Ph.D. (University of Pennsylvania)

Ergle, Roberta, Associate Lecturer of School of Teacher Education
(8/8/2003), Ph.D. (University of Florida)

Eriksson, Gillian, Associate Lecturer of Learning Sciences and Educational Research
(8/12/1999), Ph.D. (University of Connecticut)

Estevez, Alvaro, Associate Professor Medicine of Col Of Med School Biomed Science Dean
(8/8/2010), Ph.D. (University of Buenos Aires)

Ethridge, Stephen, Instructor of Writing & Rhetoric
(8/8/2000), M.A. (University of Central Florida)

Everett, Robert, Associate Professor of School of Teacher Education
(8/8/1990), Ph.D. (University of Southern Mississippi)

Ewetz, Rickard, Assistant Professor of Electrical Engineering
(8/8/2016), Ph.D. (Purdue University)

Ezell, Dan, Associate Professor of School of Teacher Education
(8/8/1997), Ed.D. (University of Alabama)

Fabery, Dina, Associate Instructor of Modern Languages
(8/8/1995), M.A. (University of South Carolina)

Fagiano, Mark, Lecturer of Philosophy
(8/8/2016), Ph.D. (Emory University)

Fahim, Azza, Lecturer of Electrical Engineering
(12/29/2008), Ph.D. (Cairo University)

Fairey, Philip, Faculty Administrator of Florida Solar Energy Center
(2/15/1980), M.A. (Clemson)

Falu, Nesselte, Assistant Professor of Anthropology
(8/8/2017), Ph.D. (Rice University)

Fan, Deliang, Assistant Professor of Electrical Engineering
(8/8/2015), Ph.D. (Purdue University)

Fan, Xiucheng, Asst Scholar/Scient/Eng Medici of Col Of Med School Biomed Science Dean
(3/24/2017)

Fanfarelli, Joseph, Assistant Professor of Nicholson School of Communication and Media
(12/23/2014), Ph.D. (University of Central Florida)

Fang, Jiyu, Professor of Materials Science And Engineer
(8/8/2003), Ph.D. (Southeast University)

Farless, Patricia, Associate Instructor of History
(8/8/2000), M.A. (University of Central Florida)

Fathpour, Sasan, Associate Professor of Optics and Photonics
(9/1/2008), Ph.D. (University of Michigan)

Fauth, John, Associate Professor of Biological Sciences
(8/8/2003), Ph.D. (Duke University)

Favela, Luis, Assistant Professor of Philosophy
(8/8/2015), Ph.D. (University of Cincinnati)

Feder, Lynette, Professor of Criminal Justice
(8/8/2012), Ph.D. (University at Albany, State University of New York)

Fedorka, Kenneth, Associate Professor of Biological Sciences
(12/21/2005), Ph.D. (University of South Carolina)

Fendley, Seth, Instructor of Nicholson School of Communication and Media
(8/24/2018), MA

Feng, Xiaofeng, Assistant Professor of Physics
(8/8/2016), Ph.D. (University of California)

Fennessy, Roberta, Instructor of Public Administration
(8/8/2015), M.S. (Columbia University)

Fenton, James, Professor of Material Science and Engineering
(1/3/2005), Ph.D. (University of Illinois, Urbana)

Ferdowsi, Katia, Lecturer of Health Sciences
(8/8/2019), M.D. (Shiraz University of Medical Science)

Fernandez, Yanga, Associate Professor of Physics
(8/8/2005), Ph.D. (University of Maryland)

Fernandez-Rubiera, Francisco, Assistant Professor of Modern Languages
(8/27/2012), Ph.D. (Georgetown University)

Fernandez-Valle, Cristina, Professor of Medicine of Col Of Med School Biomed Science Dean
(12/29/1995), Ph.D. (University of Miami)

Ferreira, Devin, Instructor of Pe Eli
(8/8/2015), M.A. (University of Illinois at Chicago)

Ferretti, Christine, Instructor of Social Work
(8/8/2016), M.S.W (New York University)

Feuerstein, Julie, Assistant Professor of Communication Sciences and Disorders
(12/18/2015), Ph.D. (University of Washington)

Fiesta, Jason, Lecturer of Legal Studies
(8/8/2014), J.D. (Stetson University)

Filler, Dennis, Associate Lecturer of Civil Engineering
(8/14/2012), Ph.D. (University of Alaska Fairbanks)

Fine, Terri, Professor of School of Politics, Security, and International Affairs
(8/8/1989), Ph.D. (University of Connecticut)

Fiore, Stephen, Professor of Philosophy
(8/8/1998), Ph.D. (University of Pittsburgh)

Fisak, Brian, Associate Professor of Psychology
(8/8/2015), Ph.D. (University of Central Florida)

Fisher, Thomas, Senior Lecturer of School of Kinesiology and Physical Therapy
(8/8/1998), Ph.D. (University of Central Florida)

Fisher, Kristina, Associate Professor of Criminal Justice
(8/8/2011), Ph.D. (University of South Florida)

Fishkin, Monica, Associate Lecturer of Pe Eli
(8/31/2001), Ed.D. (University of Central Florida)

Fix, Todd, Associate Instructor of Communication Sciences and Disorders
(3/21/2014), M.A. (University of Central Florida)

Fjelstul, Jill, Associate Professor of Tourism Events & Attractions
(9/9/1996), Ed.D. (University of Central Florida)

Flammia, Madelyn, Associate Professor of English
(8/8/1990), Ph.D. (Rutgers University)

Flanagan-Feddon, Christy, Lecturer of Philosophy
(8/8/2013), Ph.D. (Florida State University)

Flint, Michael, Associate Instructor of Criminal Justice
(8/8/2004), M.S. (University of Central Florida)

Flitsiyan, Elena, Associate Lecturer of Physics
(8/18/2003), Ph.D. (Highest Attestation Commission)

Florczyk, Stephen, Assistant Professor of Materials Science And Engineering
(8/8/2015), Ph.D. (University of Washington)

Flores-Otero, Jacqueline, Associate Professor of School of Kinesiology and Physical Therapy
(3/12/2021), Ph.D. (Rutgers)

Florsheim, Rick, Instructor of Hospitality Management Services
(1/7/2013), M.B.A. (Rollins College)

Flory, David, Assistant Professor Medicine of Col Of Med School Biomed Science Dean
(5/3/2013), Ph.D. (Wake Forest University)

Folger, Robert, Professor of Management
(5/8/2003), Ph.D. (University of NC at Chapel Hill)

Folse, Keith, Professor of Modern Languages

(8/8/2000), Ph.D. (University of South Florida)

Ford, Jason, Associate Professor of Sociology
(8/8/2002), Ph.D. (Bowling Green State University)

Ford, Cameron, Associate Professor of Management
(8/8/1997), Ph.D. (Pennsylvania State University)

Foroosh, Hassan, Professor of Computer Science
(7/1/2002), Ph.D. (University of Nice)

Foster, Amy, Associate Professor of History
(8/8/2005), Ph.D. (Auburn University)

Francies, Regina, Lecturer of Nicholson School of Communication and Media
(8/8/2016), Ph.D. (University of Kentucky)

Fraze, Donna, Instructor of School of Teacher Education
(9/9/2002), M.A. (University of Central Florida)

Frazer, Andrew, Associate Lecturer of Chemistry
(10/20/2006), Ph.D. (University of Hertfordshire)

Freeman, Tonjua, Assistant Professor of School of Teacher Education
(7/4/2014), Ph.D. (University of Georgia)

Freisem, Sabine, Assistant Scholar/Scientist of Office Of Research Operations
(12/1/2005), Ph.D. (Leiden University)

French, Scot, Associate Professor of History
(8/8/2011), Ph.D. (University of Virginia)

Fridrich, Jason, Lecturer of Hospitality Management Dean
(8/8/2013), M.B.A. (Walden University)

Fritzsche, Barbara, Associate Professor of Psychology
(8/8/1996), Ph.D. (University of South Florida)

Frye, Melissa, Associate Professor of Finance
(8/8/1999), Ph.D. (Georgia Institute of Tech.)

Fu, Qiushi, Assistant Professor of Mechanical and Aerospace Engineering
(12/21/2017), Ph.D. (Arizona State University)

Fu, Xiaoxiao, Assistant Professor of Tourism Events & Attractions
(8/8/2014), Ph.D. (Purdue University)

Fu, Xinwen, Associate Professor Computer Science
(12/17/2005), Ph.D. (Texas A&M University)

Fukuda, David, Associate Professor of School of Kinesiology and Physical Therapy

Furlong, Michael, Assistant Librarian of Regional Campuses
(4/27/2012), M.S. (Florida State University)

Futch, Linda, Asoc Instructional Designer of Vice Provost For Info Off
(12/14/1998), Ed.D. (University of Central Florida)

Fyall, Alan, Professor of Tourism Events & Attractions
(8/8/2012), Ph.D. (Bournemouth University)

Gabriel, Meghan, Assistant Professor of Health Management Information
(8/8/2015), Ph.D. (University of Tennessee Health Science Center)

Gaither, Michelle, Assistant Professor of Biology
(12/1/2017), Ph.D. (University of Hawaii- Manoa)

Galbreath, Marcy, Lecturer of Writing & Rhetoric
(8/8/2014), Ph.D. (University of Central Florida)

Galura, Sandra, Assistant Professor of Nursing
(8/8/2018), PhD (University of Central Florida)

Gammonley, Denise, Professor of Social Work
(8/8/2003), Ph.D. (University of NC at Chapel Hill)

Gannon, Barbara, Associate Professor of History
(8/8/2010), Ph.D. (Pennsylvania State University)

Gao, Su, Assistant Professor of School of Teacher Education
(8/8/2015), Ph.D. (University of Nevada Las Vegas)

Garbayo, Luciana, Assistant Professor of Philosophy

(8/8/2015), Ph.D. (Boston University)

Garber, Nicholas, Distinguished Professor of Civil Engineering
(2/1/2017)

Garcia, Jeanette, Assistant Professor of Health Sciences

(8/8/2016), Ph.D. (University of Virginia)

Garcia, Nora, Associate Professor of School Of Performing Arts
(8/8/1996), DM.A. (University of Miami)

Garcia, Martha, Associate Professor of Modern Languages
(8/8/2005), Ph.D. (Vanderbilt University)

Garcia, Jeanette, Assistant Professor of Health Sciences
(8/8/2016), Ph.D. (University of Virginia)

Garcia-Stout, Martha, Lecturer of Health Sciences

(8/8/2019), Pharm.D. (Creighton University)

Gardiakos, Nikolas, Instructor of Writing & Rhetoric
(8/8/2013), M.A. (University of Central Florida)

Garibay, Ivan, Assistant Professor of Industrial Engineering And Management Sys
(11/9/2001), Ph.D. (University of Central Florida)

Garibay, Ozlem, Research Associate of Office Of Research Operations
(3/25/2005), Ph.D. (University of Central Florida)

Gaskin-Butler, Vikki, Associate Lecturer of Counselor Education and School Psychology
(1994), Ph.D. (University of Florida)

Gatchev, Vladimir, Associate Professor of Finance
(8/8/2005), Ph.D. (Tulane University)

Gau, Jacinta, Associate Professor of Criminal Justice
(8/8/2011), Ph.D. (Washington State University)

Gaume, Romain, Assistant Professor of Optics and Photonics
(10/1/2011), Ph.D. (University of Paris VI)

Gause, John, Associate Librarian of University Libraries
(4/17/1998), M.A. (Florida State University)

Gay, Kirk, Associate Instructor of School Of Performing Arts
(7/24/2003), MM (The Cleveland Institute of Music)

Ge, Yue 'Gurt', Assistant Professor of Public Administration
(2013), Ph.D. (Texas A&M University)

Geiger, Vance, Associate Lecturer of Anthropology
(8/8/1999), Ph.D. (University of Florida)

Gelfand, Ryan, Assistant Professor of Optics and Photonics
(9/8/2015), Ph.D. (Northwestern University)

Gelfuso, Andrea, Assistant Professor of School of Teacher Education
(8/15/2014), Ph.D. (University of South Florida)

Gennaro, Robert, Lecturer of School Of Performing Arts
(8/8/2011), Ph.D. (University of North Carolina)

Georgiopoulos, Michael, Professor of College Of Engineering & Comp Science Dn
(12/23/1986), Ph.D. (University Connecticut)

Geppert, Melissa, Lecturer of School Of Visual Arts & Design
(8/8/2016), Ph.D. (University of Minnesota)

Gerasimova, Yulia, Assistant Professor of Chemistry
(4/1/2010), Ph.D. (Institute of Chemical Biology & Fundamental Medicine)

German, Deborah, Professor of Medicine of College Of Medicine Dean
(12/1/2006), M.D. (Harvard University)

Gerstein, Mark, Associate Professor of Nicholson School of Communication and Media
(8/8/2000), B.A. (University of Chicago)

Gesquiere, Andre, Associate Professor of Nanoscience Tech Center Operations
(7/1/2005), Ph.D. (Catholic University of Leuven)

Ghiasinejad, Shahram, Associate Lecturer of Psychology
(8/8/2007), Ph.D. (University of Texas Dallas)

Ghosh, Ranajay, Assistant Professor of Mechanical and Aerospace Engineering
(8/8/2016), Ph.D. (Cornell University)

Gibbs, Warmoth, Associate Professor of Economics
(8/8/1987), Ph.D. (Rutgers University)

Gibson, Jane, Professor of Medicine of Com Clinical Science
(9/10/2008), Ph.D. (University of Florida)

Gilkeson, James, Associate Professor of Integrated Business
(8/8/1994), Ph.D. (Duke University)

Gill, Michele, Professor of Learning Sciences and Educational Research
(8/8/2003), Ph.D. (University of Florida)

Gillum, Shalu, Medical Assistant Librarian of Com Plng & Knowledge Management
(11/12/2010), J.D. (Nova Southeastern University)

Giltner, Elizabeth, Lecturer of Modern Languages
(8/8/2006), M.A. (University of Arizona)

Glasshoff, Carolyn, Instructor of English
(8/8/2015), M.A. (University of Central Florida)

Glebov, Leonid, Professor of Optics and Photonics
(9/7/1995), Ph.D. (State Optical Institute)

Gleig, Ann, Assistant Professor of Philosophy
(8/8/2012), Ph.D. (Rice University)

Gleyzon, Francois-Xavier, Assistant Professor of English
(8/8/2011), Ph.D. (University of Lancaster)

Glinos, Demetrios, Lecturer of Computer Science
(8/8/2013), Ph.D. (University of Central Florida)

Goldberg, Stephen, Research Associate of Institute For Sim And Train
(2/28/2014), Ph.D. (University of Buffalo)

Golden, Adam, Professor of Medicine of Com Internal Medicine
(2/14/2011), M.D. (University of Miami)

Goldiez, Brian, Associate Professor of Institute For Sim And Train
(5/31/1988), Ph.D. (University of Central Florida)

Goldwater, Paul, Associate Professor of Accounting
(8/8/1989), Ph.D. (Louisiana State University and A&M College)

Gong, Xun, Associate Professor of Electrical Engineering
(8/8/2005), Ph.D. (University of Michigan-Ann Arbor)

Gong, Boqing, Assistant Professor of Electrical Engineering Computer Science
(8/27/2015), Ph.D. (University of Southern California)

Gonzalez, Laura, Clinical Assistant Professor of Nursing
(12/21/2011), Ph.D. (University of Central Florida)

Gonzalez-Tennant, Edward, Lecturer of Anthropology
(12/21/2016), Ph.D. (University of Florida)

Goodman, Constance, Associate Lecturer of School of Teacher Education
(8/8/2005), Ed.D. (University of North Florida)

Goodman, Stephen, Associate Professor of Management
(8/3/1984), Ph.D. (Pennsylvania State University)

Goodman, William, Assistant Professor of Educational Leadership and Higher Education
(2009), Ed.D. (University of Central Florida)

Goodman, Donna, Instructional Specialist of Sdes Creative School
(7/29/2016), B.S. (Illinois State University)

Goodwin, Martin, Assistant In of Institute For Sim And Train
(5/6/2016), M.S. (University of Central Florida)

Goolsby, Eric, Assistant Professor of Biology
(8/8/2018), Ph.D. (University of Georgia)

Gordon, Ali, Professor of Mechanical and Aerospace Engineering
(12/21/2005), Ph.D. (Georgia Institute of Technology)

Gordon, Fon, Associate Professor of History

(8/8/2001), Ph.D. (University of Arkansas)

Gorman, Adrienne, Associate Professor Medicine of Com Medical Education

(6/29/2009), Ph.D. (Louisiana State University)

Gou, Jihua, Professor of Mechanical and Aerospace Engineering

(8/8/2007), Ph.D. (Florida State University)

Grajeda, Anthony, Associate Professor of English

(8/8/2001), Ph.D. (University of Wisconsin - Milwaukee)

Grauerholz, Elizabeth, Professor of Sociology

(8/8/2005), Ph.D. (Indiana University)

Gregg, Paul, Associate Instructor of Finance

(8/21/2003), M.S. (University of Central Florida)

Gregory, Amy, Assistant Professor of Food Svc & Lodge Management

(12/21/2011), Ph.D. (University of Central Florida)

Gregory, Jason, Lecturer of English

(8/8/2019), M.F.A. (University of Central Florida)

Gresham, Regina, Associate Professor of School of Teacher Education

(8/8/2003), Ph.D. (University of Alabama)

Griffiths, Barry, Associate Instructor of Mathematics

(8/8/2002), Ph.D. (University of Central Florida)

Grissom, Donita, Lecturer of School of Teacher Education

(8/8/2014), Ph.D. (University of Central Florida)

Groff, Amanda, Associate Lecturer of Anthropology

(8/8/2009), M.A. (University of Central Florida)

Gros, Bernard, Assistant Professor Medicine of Com Internal Medicine

(11/1/2011), M.D. (Emory University)

Gula, Richard, Associate Instructor of FI Interactive Entertainment Academic

(9/6/2002), M.S. (University of Central Florida)

Gryglewicz, Kimberley, Associate Professor of Social Work
(8/8/2014), Ph.D. (University of South Florida)

Gu, Lixing, Research Associate of Florida Solar Energy Center
(4/3/1992), Ph.D. (Florida Institute of Technology)

Gual, Carlos, Associate Instructor of School of Kinesiology and Physical Therapy
(8/19/2013), M.S. (University of New Mexico)

Guenzel, Steffen, Lecturer of Writing & Rhetoric
(8/8/2012), Ph.D. (University of Alabama)

Guerra, Frank Enrique, Instructor of Accounting
(8/8/2014), J.D. (Yale University)

Guha, Arup, Associate Instructor of Computer Science
(8/8/1999), M.S. (University of Wisconsin)

Guhathakurta, Subhrangshu, Asst Scholar/Scient/Eng Medici of Col Of Med School Biomed Science Dean
(9/12/2014), Ph.D. (University of Calcutta)

Guido-Sanz, Francisco, Assistant Professor of Nursing
(8/8/2015), Ph.D. (Florida International University)

Guldi, Melanie, Assistant Professor of Economics
(8/8/2011), Ph.D. (University of California-Davis)

Gunter, Glenda, Professor of Learning Sciences and Educational Research
(8/15/1996), Ph.D. (Mississippi State University)

Guo, Zhaomiao (Walter), Assistant Professor of Civil Engineering
(8/8/2018), Ph.D. (University of California, Davis)

Guo, Zhishan, Assistant Professor of Electrical Engineering
(8/8/2018) Ph.D. (University of North Carolina)

Gupta, Rema, Assistant Professor Medicine of Com Internal Medicine
(10/27/2014), M.D. (St. George's University)

Gurel, Zehra Basak, Associate Professor of Mathematics
(8/8/2013), Ph.D. (University of Cali-Santa Cruz)

Gurupur, Varadraj, Associate Professor of Health Management Information
(8/8/2014), Ph.D. (University of Alabama at Birmingham)

Gusrialdi, Azwirman, Research Associate of Electrical Engineering
(11/20/2012), Ph.D. (Munich University of Technology)

Haciomeroglu, Erhan, Associate Professor of School of Teacher Education
(8/8/2007), Ph.D. (Florida State University)

Hadour, Taoues, Assistant Professor of Modern Languages
(8/8/2019), Ph.D. (University of Missouri-Columbia)

Hadrika, Darlene, Research Associate of School Of Visual Arts & Design
(8/8/2005), M.F.A. (University of CA-Los Angeles)

Hagan, David, Professor of Optics and Photonics
(5/1/1987), Ph.D. (Heriot-Watt University)

Hagedorn, William, Professor of Counselor Education and School Psychology
(1/1/2007), Ph.D. (University of North Carolina)

Hagglund, Hans, Lecturer of Hospitality Management Dean
(10/1/2004), Ph.D. (University of Central Florida)

Hahm, Jee Yeon, Assistant Professor of Tourism Events & Attractions
(8/8/2012), Ph.D. (University of Central Florida)

Hahs-Vaughn, Debbie, Professor of Learning Sciences and Educational Research
(8/8/2003), Ph.D. (University of Alabama)

Haimes, Stanley, Assistant Professor Medicine of Com Internal Medicine
(1/16/2015), M.D. (University of South Florida)

Hall, Richard, Research Associate of Florida Interactive Entertainment Academy
(8/8/2005), B.S.E (Pennsylvania State University)

Hall, Scott, Associate Professor of School Of Visual Arts & Design
(8/8/2000), M.F.A. (Washington University)

Hall, Jeremy, Professor of Public Administration
(8/8/2016), Ph.D. (University of Kentucky)

Hall, Shelley, Instructor of Social Work
(8/24/2007), M.S.W. (The Florida State University)

Hamann, Kerstin, Professor of School of Politics, Security, and International Affairs
(12/21/1994), Ph.D. (Washington University)

Hamilton, Angela, Associate In of Institute For Sim And Train
(4/4/2008), M.A. (University of Central Florida)

Hampton, Marcy, Associate Instructor of Accounting
(8/8/2004), M.B.A. (University of Central Florida)

Hampton, Michael, Professor of Chemistry
(8/10/1981), Ph.D. (Texas Tech University)

Han, Deguang, Professor of Mathematics
(10/25/2000), Ph.D. (Texas A&M University)

Han, Kyu young, Assistant Professor of Optics and Photonics
(1/1/2016), Ph.D. (Seoul National University)

Hancer, Murat, Professor of Hospitality Management Services
(8/8/2016), Ph.D. (Ohio State University)

Hancock, Peter, Professor of Psychology
(12/21/2000), Ph.D. (University of IL at Urbana-Champaign)

Handberg, Roger, Professor of School of Politics, Security, and International Affairs
(9/8/1972), Ph.D. (University of N Carolina Chapel Hill)

Hanley, John, Lecturer of School of Politics, Security, and International Affairs
(8/8/2017), Ph.D. (University of California- Berkeley)

Hanlon, Christine, Associate Lecturer of Nicholson School of Communication and Media
(8/18/2000), Ph.D. (University of Florida)

Hanney, William, Associate Professor of School of Kinesiology and Physical Therapy
(10/7/2005), Ph.D. (Nova Southeastern University)

Hanson, Kenneth, Associate Professor of College Of Arts And Hum Dean
(8/18/2003), Ph.D. (University of Texas Austin)

Hanson, Erin, Assistant Professor of Forensic Science
(10/28/2011), Ph.D. (University of Central Florida)

Hanson, Rae, Research Associate of Institute For Sim And Train
(10/20/2000), B.A. (University of Central Florida)

Hara, Tadayuki, Associate Professor of Tourism Events & Attractions
(8/8/2005), Ph.D. (Cornell University)

Haran, Kevin, Associate Professor of School Of Visual Arts & Design
(8/8/1995), M.F.A. (University of Tennessee)

Hararuk, Oleksandra, Assistant Professor of Biology
(12/14/2018), Ph.D. (University of Oklahoma)

Hardy, Kimberly, Faculty Administrator of Regional Campus Central Region
(8/27/2014), Ph.D. (Florida State University)

Harper, James, Associate Professor of Chemistry
(8/8/2011), Ph.D. (University of Utah)

Harrington, Joseph, Professor of Physics
(8/8/2006), Ph.D. (Massachusetts Institute of Technology)

Harrington, Maria, Assistant Professor of Nicholson School of Communication and Media
(8/8/2016), Ph.D. (University of Pittsburgh)

Harrington, Nancy, Instructor of Communication Sciences and Disorders
(3/29/2013), M.A. (Hofstra University)

Harris, Christopher, Associate Professor of School Of Visual Arts & Design
(8/8/2001), M.F.A. (School of Art Inst. of Chicago)

Harris, Elizabeth, Associate Lecturer of Biological Sciences
(8/8/2004), Ph.D. (Louisiana State University and A&M College)

Harris, Phyllis, Instructor of Management
(8/8/2002), M.B.A. (Northwestern University)

Harris, Joshua, Lecturer of Finance
(8/8/2011), Ph.D. (University of Central Florida)

Harris, Shana, Assistant Professor of Anthropology
(8/8/2015), Ph.D. (University of California, San Francisco)

Harris, David, Associate Professor Medicine of Com Medical Education
(10/12/2011), Ph.D. (Temple University)

Harris, Jonathan, Research Associate of Institute For Sim And Train
(3/1/2013), M.S. (University of Central Florida)

Harris, Scott, Research Associate of Institute For Sim And Train
(2/10/2017), B.A. (Oral Roberts University)

Harrison, David, Professor of Finance
(8/8/2015), Ph.D. (University of Florida)

Harrison, Carlton, Associate Professor of Sport Business Management
(8/8/2006), Ed.D. (University of Southern California)

Harrison, Richard, Associate Librarian of University Libraries
(4/23/2001), M.S. (Vanderbilt University)

Hartman, Joel, Faculty Administrator of Vice Provost For Info Off
(2/28/1995), Ed.D. (University of Central Florida)

Hartshorne, Charles, Professor of Learning Sciences and Educational Research
(8/8/2011), Ph.D. (University of Florida)

Hasan, Samiul, Assistant Professor of Civil Engineering
(8/8/2016), Ph.D. (Purdue University)

Hasanat, Fayeza, Lecturer of English
(8/8/2005), Ph.D. (University of Florida)

Hasford, Jonathan, Assistant Professor of Marketing
(8/8/2016), Ph.D. (University of Kentucky)

Hassan, Nausheen, Assistant Professor Medicine of Com Internal Medicine
(5/8/2015), M.D. (University of the Punjab)

Hastings, Sally, Associate Professor of Nicholson School of Communication and Media
(8/8/2005), Ph.D. (University of Massachusetts, Amherst)

Hawkins, Christopher, Associate Professor of Public Administration
(8/8/2008), Ph.D. (Florida State University)

Hawthorne, Timothy, Assistant Professor of Sociology
(8/8/2015), Ph.D. (Ohio State University)

Hawthorne, Alicia, Assistant Professor Medicine of Col Of Med School Biomed Science Dean
(8/8/2016), Ph.D. (Case Western Reserve University)

He, Xin, Associate Professor of Marketing
(8/8/2004), Ph.D. (University of Pittsburgh)

Head, David, Lecturer of History
(8/8/2010), Ph.D. (University at Buffalo)

Heglund, Stephen, Associate Lecturer of Nursing
(5/20/2005), Ph.D. (University of Central Florida)

Heider, Emily, Lecturer of Chemistry
(9/2/2011), Ph.D. (University of Utah)

Heil, John, Assistant In of School Of Performing Arts
(8/8/2011), M.F.A. (Virginia Tech)

Heilmann, Michael, Research Associate of Institute For Sim And Train
(9/30/2011), M.S. (Washington State University)

Heinrich, Mark, Associate Professor of Computer Science
(12/21/2002), Ph.D. (Stanford University)

Helsinger, James, Faculty Administrator of College Of Arts And Hum Dean
(8/8/1995), M.F.A. (University of Alabama)

Henderson, Joseph, Associate Instructor of Criminal Justice
(12/29/2000), M.S. (University of Central Florida)

Henken, Luann, Instructor of Writing & Rhetoric
(12/21/2006), M.A. (University of Central Florida)

Henry, Gordon, Lecturer of Integrated Business

(8/19/2015), Ph.D. (Western Michigan University)

Hepner, Lynn, Faculty Administrator of College Of Arts And Hum Dean
(8/8/1998), M.A. (University of Central Florida)

Hernandez, Caridad, Associate Professor Medicine of Com Internal Medicine
(6/15/2011), M.D. (University of California)

Hernandez, Florencio, Professor of Chemistry
(8/29/2001), Ph.D. (University of Central Venezuela)

Herold, Jacqueline, Instructional Specialist of Undergrad Study Experience Lrng
(8/14/2000), M.A. (St Francis College)

Herring, Pamela, Medical Instructor Librarian of Com Plng & Knowledge Management
(9/14/2012), M.A. (University of South Florida)

Hewitt, Randall, Associate Professor of School of Teacher Education
(8/8/2001), Ph.D. (University of Florida)

Hickman, James, Professor of Nanoscience Tech Center Operations
(5/14/2004), Ph.D. (Massachusetts Inst. of Tech.)

Hicks, Wyenona, Instructor Medicine of Col Of Med School Biomed Science Dean
(6/22/2016), M.S. (University of Cincinnati)

Higgins, Patrick, Instructor of Mathematics
(8/8/2000), M.S. (University of Central Florida)

Hill, Ethan, Assistant Professor of Kinesiology and Physical Therapy
(8/8/2019), Ph.D. (University of Nebraska-Lincoln)

Hill, Peggy, Instructor of Nursing
(8/8/2013), M.S.N (University of Central Florida)

Hines, Robert, Associate Professor Medicine of Com Internal Medicine
(6/27/2016), Ph.D. (University of Alabama-Birmingham)

Hines, Rebecca, Associate Professor of School of Teacher Education
(8/8/1999), Ph.D. (University of South Florida)

Hinojosa, Ramon, Associate Professor of Sociology
(8/8/2014), Ph.D. (University of Florida)

Hinojosa, Melanie, Assistant Professor of Sociology
(8/16/1999), Ph.D. (University of Illinois at Chicago)

Hirumi, Atsusi, Professor of Learning Sciences and Educational Research
(8/8/2003), Ph.D. (Florida State University)

Hitchcock, Dorilyn, Assistant Professor Medicine of Col Of Med School Biomed Science Dean
(12/22/1989), M.S. (Northeastern University)

Hodgson, Shari, Associate Instructor of Nicholson School of Communication and Media
(8/8/1999), M.A. (University of Central Florida)

Hoekstra, Robert, Associate Professor of Industrial Engineering And Management Sys
(8/8/1993), Ph.D. (University of Cincinnati)

Hoeppner, Athena, Associate Librarian of University Libraries
(6/2/1995), M.A. (Simmons College)

Hoerrner, Keisha, Professor of Undergraduate Studies
(8/15/2016), Ph.D. (University of Georgia)

Hoffman, Brian, Assistant Professor of School Of Performing Arts
(8/8/2015), Ph.D. (University of Cincinnati)

Hoffman, Eric, Associate Professor of Biological Sciences
(8/8/2005), Ph.D. (Oregon State University)

Hoffman, Bobby, Associate Professor of Learning Sciences and Educational Research
(8/8/2006), Ph.D. (University of Nevada Las Vegas)

Hoffman, Elizabeth, Associate Lecturer of School of Teacher Education
(8/8/2006), Ph.D. (University of Central Florida)

Hoffman Ruddy, Bari, Professor of Communication Sciences and Disorders
(8/8/2001), Ph.D. (University of Florida)

Hofler, Richard, Professor of Economics
(8/8/1989), Ph.D. (University of South Carolina-Chapel Hill)

Hogan, Gordon, Faculty Administrator of Office Of Research Operations
(1/22/2010), B.A. (Fort Hays State University)

Hogg, James, Lecturer of Tourism Events & Attractions
(8/8/2010), Ph.D. (University of Central Florida)

Hohenleitner, Kathleen, Associate Lecturer of English
(8/8/1999), Ph.D. (University of Notre Dame)

Holaday, Harriet, Instructional Specialist of Sdes Creative School
(4/8/2013), B.S. (Framingham State College)

Holic, Nathan, Lecturer of Writing & Rhetoric
(8/8/2007), M.F.A. (University of Central Florida)

Holliker, Shannon, Instructor School of Social Work
(4/2/2021), Ph.D. (University of Central Florida)

Holm, Michelle, Assistant Professor of Tourism Events & Attractions
(8/8/2016), Ph.D. (University of Central Florida)

Holmes, Stephen, Associate Professor of Criminal Justice
(8/8/1997), Ph.D. (University of Cincinnati)

Hood, Yolanda, Associate Librarian of University Libraries
(8/2/2013), Ph.D. (University of Missouri-Columbia)

Hopkins, Stephen, Assistant Professor of English
(8/8/2019), Ph.D. (Indiana University)

Horan, Kristin, Assistant Professor of Psychology
(8/8/2018), Ph.D. (Florida State University)

Horn, Elizabeth, Assistant Professor of School Of Performing Arts
(8/8/2015), M.F.A. (University of Central Florida)

Horn, Robert, Associate In of Institute For Sim And Train
(5/31/2016), B.S. (University of Central Florida)

Hornik, Steven, Associate Lecturer of Accounting
(8/8/2001), Ph.D. (Florida International University)

Horzen, Deborah, Lecturer of Modern Languages
(8/8/2019), Ph.D. (University of Florida)

Hostetler, Jane, Associate Instructor of Communication Sciences and Disorders
(09/24/2004), M.A. (University of Central Florida)

Hou, Su-I, Professor of Health Management Information
(8/8/2015), DPH (University of Texas Health Science Center)

Howard, Wendy, Asoc Instructional Designer of Vice Provost For Info Off
(7/5/2011), Ed.D. (University of Central Florida)

Hoyt, Erica, Associate Instructor of Nursing
(1/6/2003), M.S.N (University of Phoenix)

Hu, Haiyan, Associate Professor of Computer Science
(8/8/2008), Ph.D. (University of Southern Cali.)

Hu, Qian, Associate Professor of Public Administration
(8/8/2011), Ph.D. (Arizona State University)

Hua, Kien, Professor of Computer Science
(8/8/1990), Ph.D. (U of IL at Urbana)

Hua, Nan, Associate Professor of Hospitality Management Services
(8/8/2007), Ph.D. (Pennsylvania State University)

Huang, Hsin-Hsiung, Assistant Professor of Statistics and Data Science
(8/8/2014), Ph.D. (University of Illinois at Chicago)

Huang, Helen, Assistant Professor of Mechanical and Aerospace Engineering
(12/1/2015), Ph.D. (University of Michigan)

Huang, Xi, Assistant Professor of Pubic Adminitration
(2017), Ph.D. (Georgia State University & Georgia Institute of Technology)

Hubbard, Nathan, Associate In of Institute For Sim And Train
(2/20/2009), M.A. (The University of Texas)

Hubertz, Martha, Lecturer of Psychology

(8/8/2016), Ph.D. (Florida Atlantic University)

Hudock, Lindsay, Associate Instructor of Nicholson School of Communication and Media
(8/8/2008), M.A. (University of Central Florida)

Huff-Corzine, Lin, Professor of Sociology
(8/8/1996), Ph.D. (Washington University)

Huggins, Mary, Faculty Administrator of Florida Solar Energy Center
(4/17/1987), M.B.A. (University of Phoenix)

Hughes, Charles, Professor of Computer Science
(9/12/1980), Ph.D. (Pennsylvania State University)

Hull, Daniel, Research Associate of Office Of Research Operations
(6/10/2011), M.S. (University of Pittsburgh)

Humiston, Gail, Associate Lecturer of Criminal Justice
(8/8/2010), Ph.D. (University of Central Florida)

Hundley, Gulnora, Associate Lecturer of Counselor Education and School Psychology
(8/8/2008), Ph.D. (University of Central Florida)

Hunt, Jeremy, Associate Professor of School Of Performing Arts
(8/8/2005), DM.A. (Indiana University)

Huo, Qun, Associate Professor of Nanoscience Tech Center Operations
(7/15/2005), Ph.D. (University of Miami)

Hurt, Rochelle, Assistant Professor of English
(8/8/2019), Ph.D. (University of Cincinnati)

Husain, Mujtaba, Professor of Medicine of Com Clinical Science
(6/1/2010), M.D. (Dow Medical College)

Hutchinson, Joe, Associate Professor of Food Svc & Lodge Management
(8/8/2006), Ph.D. (Virginia Tech)

Hutchinson, Cynthia, Associate Professor of School Of Teaching, Lrng, Ldrs
(9/1/1989), Ed.D. (Florida Atlantic University)

Hynes, Michael, Professor of School of Teacher Education
(9/7/1971), Ph.D. (Kent State University)

· **Iacobellis, Frances**, Lecturer of Nursing
(8/8/2015), Ph.D. (Rutgers University)

Ianieri, Nicole, Faculty Administrator of Pe Eli
(8/8/2010), M.A. (California State University)

Ilderton, Nathan, Lecturer of School of Politics, Security, and International Affairs
(8/8/2010), Ph.D. (Texas A&M University)

Ilegbusi, Olusegun, Professor of Mechanical and Aerospace Engineering
(8/8/2002), Ph.D. (Imperial College)

Ingersoll, Christopher, Professor of Kinesiology and Physical Therapy; College of Health Professions and Sciences
Dean
(8/1/2019), Ph.D. (The University of Toledo)

Inghram, Daniel, Associate Instructor of Statistics and Data Science
(8/8/2011), M.S. (University of Central Florida)

Ishigami, Marsahir, Associate Professor of Physics
(12/21/2007), Ph.D. (University of California)

Ishikawa, Tadashi, Assistant Professor of History
(8/8/2019), Ph.D. (University of Chicago)

Islas, Alvaro, Lecturer of Mathematics
(8/29/2003), Ph.D. (Old Dominion University)

Ismail, Mourad, Professor of Mathematics
(8/8/2003), Ph.D. (University of Alberta)

Izquierdo Jimenez, Lucas, Assistant Professor of Modern Languages
(8/8/2016), Ph.D. (Georgetown University)

· **Jacques, Peter**, Professor of School of Politics, Security, and International Affairs
(8/8/2003), Ph.D. (N. AZ University)

Janowsky, Alisha, Associate Lecturer of Psychology
(8/8/2006), Ph.D. (Florida Atlantic University)

Janz, Bruce, Professor of Philosophy
(8/8/2003), Ph.D. (University of Waterloo)

Jarley, Paul, Professor of College Of Business Dean
(6/29/2012), Ph.D. (University of Wisconsin)

Jasinski, Jana, Professor of College Of Sciences Dean
(8/8/1999), Ph.D. (University of New Hampshire)

Jaskowski, Selma, Librarian of University Libraries
(8/15/1994), M.A. (University of Michigan)

Jeanpierre, Bobby, Associate Professor of Learning Sciences and Educational Research
(8/8/2001), Ph.D. (University of Minnesota)

Jenkins, David, Professor of Biological Sciences
(8/8/2003), Ph.D. (VA Polytech. Institute & State University)

Jennings-Towle, Kelly, Associate Lecturer of School Teacher Education
(8/8/2003), Ed.D. (University of Central Florida)

Jensen, Roberta, Instructor of School Of Performing Arts
(8/8/2014), MM (Drake University)

Jensen, Devon, Associate Professor of Graduate Studies Dean
(1/13/2017), Ph.D. (University of Alberta)

Jensen, Bernard, Associate Professor of Psychology
(8/9/1985), Ph.D. (Southern Illinois University)

Jentsch, Florian, Professor of Psychology
(8/21/1998), Ph.D. (University of Central Florida)

Jewett, Aubrey, Associate Professor of School of Politics, Security, and International Affairs
(8/8/1995), Ph.D. (Florida State University)

Jewett, Travis, Associate Professor Medicine of Col Of Med School Biomed Science Dean
(12/1/2009), Ph.D. (Washington University)

Jewett, Mollie, Associate Professor Medicine of Col Of Med School Biomed Science Dean
(12/1/2009), Ph.D. (Washington University)

Jex, Steve, Professor of Psychology
(8/8/2017), Ph.D. (University of South Florida)

Jha, Sumit, Associate Professor of Computer Science
(8/8/2010), Ph.D. (Carnegie Mellon University)

Jiang, Tengfei, Assistant Professor of Materials Science and Engineering
(8/8/2015), Ph.D. (University of Texas at Austin)

Jin, Yier, Assistant Professor of Electrical Engineering
(1/2/2013), Ph.D. (Yale University)

Joe, Jacqueline, Assistant Professor of Counselor Education and School Psychology
(8/8/2015), Ph.D. (College of William and Mary)

Johnson, Jerry, Professor of Educational Leadership and Higher Education
(8/8/2016), Ed.D. (Ohio University)

Johnson, Ashli, Instructor of Tourism Events & Attractions
(5/8/2016), M.S. (Florida International University)

Johnson, Darrell, Faculty Administrator of Office Of Student Support
(9/15/1997), Ph.D. (Western Michigan University)

Johnson, Joseph, Assistant Professor of Accounting
(6/23/2015), Ph.D. (Georgia Institute of Tech.)

Johnson, Emily, Assistant Professor of English
(4/11/2016), Ph.D. (University of Central Florida)

Johnson, Eric, Research Associate of Institute For Sim And Train
(11/15/2002), B.A. (University of Central Florida)

Johnson, Matthew, Assistant Professor of Visual Arts and Design
(8/8/2019), M. Arch. (University of South Florida)

Johnson, Michael, Professor of Physics; College Of Sciences Dean
(8/8/1990), Ph.D. (University of VA)

Jones, James, Faculty Administrator of Regional Campuses
(7/1/2013), Ph.D. (Purdue University)

Jones, Karyn, Associate Professor of Counselor Education and School Psychology
(8/8/1997), Ph.D. (University of So Carolina)

Jones, Donald, Assistant Professor of Philosophy
(9/8/1972), Ph.D. (University of OK)

Jones, Lisa, Professor of Academic Affairs Vp
(8/22/2016), Ed.D.

Jones, Anna, Associate Professor of English
(8/8/2001), Ph.D. (University of Notre Dame)

Jones, W, Professor of Electrical Engineering
(8/8/1996), Ph.D. (VA Poly Institute/St University)

Jones, Foard, Associate Professor of College Of Business Dean
(8/8/1989), Ph.D. (University of Georgia)

Jones, Robert, Associate Professor of Nicholson School of Communication and Media
(8/8/1991), M.F.A. (UCLA)

Jones-Roberts, Charlotte, Instructor of Pe Eli
(8/28/2014), M.A. (University of Central Florida)

Jorgensen, Courtney, Instructor of Pe Eli
(9/14/2012), M.A. (University of Central Florida)

Joseph, Dana, Assistant Professor of Management
(8/8/2011), Ph.D. (University of Illinois-Urbana Champaign)

Joshi, Amit, Associate Professor of Marketing
(8/8/2005), Ph.D. (UCLA)

Jowallah, Rohan, Asoc Instructional Designer of Vice Provost For Info Off
(5/10/2013), Ed.D. (University of Sheffield)

Judy, Jonathan, Instructor of Food Svc & Lodge Management
(8/8/2010), M.A. (University of South Florida)

Juge, Frank, Professor of Food Svc & Lodge Management
(7/1/1968), Ph.D. (U of Arkansas)

Jung, YeonWoong, Assistant Professor of Material Science and Engineering
(8/8/2015), Ph.D. (University of Pennsylvania)

Jung, Hyung, Associate Lecturer of Hospitality Management Services
(8/8/2005), Ph.D. (Virginia Polytechnic Institute)

Juraszek, Brittany, Instructor of Statistics and Data Science
(8/8/2016), M.S. (University of Mississippi)

Jurca, Titel, Assistant Professor of Chemistry
(8/8/2017), Ph.D. (University of Ottawa)

Kaden, William, Assistant Professor of Physics
(11/17/2014), Ph.D. (University of Utah)

Kalaghchy, Safvat, Program Dir of Florida Solar Energy Center
(3/21/1986), M.A. (Fit)

Kamrath, Mark, Professor of English
(8/8/1997), Ph.D. (University of Nebraska)

Kang, Juhee, Assistant Professor of Hospitality Management Services
(8/8/2012), Ph.D. (Iowa State University)

Kang, Hyeran, Assistant Professor of Nanoscience Tech Center Operations
(8/8/2015), Ph.D. (Brown University)

Kang, Kyungkook, Assistant Professor of School of Politics, Security, and International Affairs
(8/8/2014), Ph.D. (Claremont Graduate University)

Kapat, Jayanta, Professor of Mechanical and Aerospace Engineering
(8/8/1997), DSC (MIT)

Kapucu, Naim, Professor of Public Administration
(8/8/2003), Ph.D. (University of Pittsburgh)

Kar, Aravinda, Professor of Optics and Photonics
(3/1/1994), Ph.D. (University of Illinois at Urbana)

Kara, Abdelkader, Professor of Physics
(9/8/2006), Ph.D. (University of Lille 1)

Karalidi, Theodora, Assistant Professor of Physics
(2/1/2019), Ph.D. (Netherland Institute for Space Research)

Karwowski, Waldemar, Professor of Industrial Engineering And Management Sys
(8/1/2007), Ph.D. (Texas Tech University)

Kassab, Alain, Professor of Mechanics Mat And Aerospace Engineering
(8/8/1991), Ph.D. (University of Florida)

Katsevich, Alexander, Professor of Mathematics
(8/8/1996), Ph.D. (Kansas State University)

Katz, Marcia, Professor of Medicine of College Of Medicine Dean
(12/5/2016), M.D. (Boston University)

Kauffman, Jeffrey, Associate Professor of Mechanical and Aerospace Engineering
(8/22/2012), Ph.D. (Pennsylvania State University)

Kaufman, Tammie, Associate Professor of Food Svc & Lodge Management
(8/8/2003), Ph.D. (Virginia Tech)

Kaukinen, Catherine, Professor of Criminal Justice
(9/1/2015), Ph.D. (University of Toronto)

Kauwell, Gail, Professor of Health Sciences
(8/8/2019), Ph.D. (University of Florida)

Kay, Marni, Instructor of School of Teacher Education
(8/8/2016), M.Ed. (University of Central Florida)

Kay, Denise, Assistant Professor Medicine of Com Medical Education
(8/8/2007), Ph.D. (University of Missouri, Columbia)

Keathley, Heather, Assistant Professor of Industrial Engineering And Management Sys
(8/15/2016), Ph.D. (Virginia Tech)

Keebler, James, Lecturer of Marketing
(1/12/2015), Ph.D. (University of Tennessee Knoxville)

Kehoe, Thomas, Associate Scholar/Scientist/E of Florida Space Institute

(3/16/2012), Ph.D. (University of London)

Keiffer, Melanie, Assistant Professor of Nursing
(8/8/2018), DNP (Vanderbilt University)

Kelchner, Viki, Assistant Professor of Counselor Education and School Psychology
(8/8/2015), Ph.D. (University of South Carolina)

Keller, Christian, Assistant Professor of Mathematics
(8/8/2018), Ph.D. (University of Southern California)

Kelley, Michelle, Professor of School of Teacher Education
(8/13/2002), Ed.D. (University of Florida)

Kelliher, Charles, Associate Professor of Accounting
(8/9/1985), Ph.D. (Texas A&M University)

Kennedy, Analexis, Instructor of School of Teacher Education
(4/13/2007), EDS (University of Central Florida)

Kent-Walsh, Jennifer, Professor of Communication Sciences and Disorders
(8/8/2003), Ph.D. (Pennsylvania State University)

Kerlin, Mark, Associate Instructor of Pe Eli
(10/5/2001), M.A. (University of Central Florida)

Kerness, Shloe, Lecturer of School Of Teaching, Lrng, Ldrs
(2/8/2008), Ed.D. (University of Central Florida)

Kettles, Colleen, Program Dir of Florida Solar Energy Center
(7/9/1979), J.D. (University of Florida)

Khajavikhan, Mercedeh, Assistant Professor of Optics and Photonics
(8/8/2012), Ph.D. (University of Minnesota)

Khaled, Annette, Associate Professor Medicine of Col Of Med School Biomed Science Dean
(10/1/2002), Ph.D. (University of Florida)

Khezri, Haidar, Assistant Professor of Modern Languages
(8/8/2019), Ph.D. (Damascus University)

Khondaker, Saiful, Professor of Nanoscience Tech Center Operations
(7/8/2005), Ph.D. (University of Cambridge)

Kibble, Jonathan, Professor of Medicine of Com Medical Education
(11/7/2008), Ph.D. (University of Manchester)

Kibler, Kelly, Assistant Professor of Civil Engineering
(12/23/2014), Ph.D. (Oregon State University)

Kider Jr., Joseph, Assistant Professor of Institute For Sim And Train
(8/8/2016), Ph.D. (University of Pennsylvania)

Kight, Erica, Lecturer of Nicholson School of Communication and Media
(8/8/2015), M.A. (University of Florida)

Kik, Pieter, Associate Professor of Optics and Photonics
(9/1/2003), Ph.D. (Utrecht University)

Kim, Joo, Associate Professor of School Of Visual Arts & Design
(8/8/1999), Ph.D. (University of Minnesota)

Kim, Brian, Assistant Professor of Electrical Engineering
(12/23/2015), Ph.D. (Cornell University)

Kim, Jihyun, Assistant Professor of Nicholson School of Communication and Media
(7/1/2011), Ph.D. (University of Wisconsin- Milwaukee)

Kim, Myunghee, Associate Professor of School of Politics, Security, and International Affairs
(8/8/2007), Ph.D. (State University of New York at Binghamton)

Kim, Yoon-Seong, Associate Professor Medicine of Col Of Med School Biomed Science Dean
(9/13/2010), Ph.D. (Cornell University)

Kinchen, Elizabeth, Assistant Professor of Nursing
(8/8/2015), Ph.D. (Florida Atlantic University)

Kinzel, Michael, Assistant Professor of Mechanical and Aerospace Engineering
(8/8/2018), Ph.D. (Pennsylvania State University)

King, Christian, Assistant Professor of Health Management and Information
(2015), Ph.D. (Georgia State University and Georgia Institute of Technology)

King, Kathleen, Professor of Educational Leadership and Higher Education
(8/8/2015), Ed.D. (Widener University)

King, Joshua, Associate Professor of Biological Sciences
(7/1/2011), Ph.D. (University of Florida)

King, Stephen, Associate Professor Medicine of Col Of Med School Biomed Science Dean
(8/8/2011), Ph.D. (University of Colorado)

King-Morris, Kelli, Assistant Professor Medicine of Com Internal Medicine
(8/16/2013), M.D. (University of South Florida)

Kinnally, William, Associate Professor of Nicholson School of Communication and Media
(8/8/2008), Ph.D. (Florida State University)

Kinsey, Barbara, Associate Professor of School of Politics, Security, and International Affairs
(8/8/2002), Ph.D. (Washington U-St. Louis)

Kirkley, Deborah, Asst Instructional Designer of Vice Provost For Info Off
(10/8/1999), M.A. (University of Central Florida)

Kisby, Cynthia, Associate Librarian of University Libraries
(6/10/1996), M.A. (Dominican University)

Kizer, Tremon, Assistant Professor of School Of Performing Arts
(7/1/2016), DM.A. (University of South Carolina-Columbia)

Kizildag, Murat, Assistant Professor of Hospitality Management Services
(8/8/2013), Ph.D. (Texas Tech University)

Klapheke, Martin, Professor of Medicine of Com Clinical Science
(4/1/2010), M.D. (University of Kentucky)

Klausner, Sheila, Assistant Professor, of School of Kinesiology and Physical Therapy
(3/6/2020), D.P.T. (Texas Tech University)

Klemm, Richard, Professor of Physics
(8/8/2007), Ph.D. (Harvard University)

Klimov, Mikhail, Assistant In of Ampac Materials Center
(7/1/2001), M.S. (University of Central Florida)

Kloko, Randall, Instructor of Modern Languages
(8/8/2015), MMM (Utah State University)

Klonoff, Elizabeth, Professor of Graduate Studies Dean
(9/23/2016), Ph.D. (University of Oregon)

Klowden, Gregg, Associate Lecturer of Biological Sciences
(8/8/2010), Ph.D. (University of Florida)

Knox, Claire, Associate Professor of Public Administration
(12/23/2009), Ph.D. (Florida State University)

Knox, Debra, Associate Instructor of Communication Sciences and Disorders
(12/21/2012), M.S. (Nova Southeastern University)

Knuckey, Jonathan, Associate Professor of School of Politics, Security, and International Affairs
(8/8/1999), Ph.D. (University of New Orleans)

Koblasz, Margarita, Associate Lecturer of Legal Studies
(8/8/2004), J.D. (Stetson University College of Law)

Kohl, Patrice, Assistant Professor of Nicholson School of Communication and Media
(8/8/2018), Ph.D. (University of Wisconsin-Madison)

Kohler, Paula, Professor of College of Community Innovation and Education
(9/6/2016), Ph.D.

Kohn, Robin, Senior Instructor of Social Work
(8/8/2000), M.S.W (Florida State University)

Kokoouline, Viatcheslav, Professor of Physics
(8/8/2003), Ph.D. (University of Paris XI Sud)

Kollara Sunil, Lakshmi, Assistant Professor of Communication Sciences and Disorders
(07/29/2016), Ph.D (University of Hong Kong)

Kolodziej-Smith, Renata, Lecturer of Nicholson School of Communication and Media
(8/8/2015), Ph.D. (Wayne State University)

Kolpashchikov, Dmitry, Associate Professor of Chemistry

(8/8/2008), Ph.D. (Novosibirsk Inst. Bioorg.Chem.)

Kong, Pak Hin, Associate Professor of Communication Sciences and Disorders
(8/27/2007), Ph.D. (University of Hong Kong)

Koons, Keith, Professor of School Of Performing Arts
(8/8/1990), DM.A. (University of S California)

Korosec, Ronnie, Associate Professor of Academic Affairs Vp
(9/1/2000), Ph.D. (State University of NY at Binghamton)

Korosy, Alice, Associate Instructor of Modern Languages
(8/8/1995), M.A. (Florida State University)

Kotnour, Timothy, Professor of Industrial Engineering And Management Sys
(8/8/1995), Ph.D. (Virginia Tech)

Kourova, Alla, Assistant Professor of Modern Languages
(8/8/2007), Ph.D. (Moscow State University)

Kovacevich, Brigitte, Associate Professor of Anthropology
(8/8/2015), Ph.D. (Vanderbilt University)

Kovach, Keith, Associate Professor of School Of Visual Arts & Design
(8/8/2004), M.F.A. (University of South Florida)

Koval, Andriy V., Assistant Professor of Health Management and Information
(2014), Ph.D. (Vanderbilt University)

Krick, Stephanie, Associate Lecturer of Public Administration
(9/8/2006), Ph.D. (University of Central Florida)

Krishnamoorthy, Anand, Associate Professor of Marketing
(8/8/2004), Ph.D. (University of Texas at Dallas)

Krywonos, Andrey, Associate Scholar/Scientist/E of Florida Space Institute
(11/17/2006), Ph.D. (University of Central Florida)

Kuang, Lanlan, Assistant Professor of Philosophy
(8/8/2011), Ph.D. (Indiana University)

Kuebler, Stephen, Associate Professor of Chemistry
(8/8/2003), Ph.D. (University of Oxford)

Kujawa, Frank, Associate Professor of Chemistry
(9/16/1969), Ph.D. (Johns Hopkins University)

Kullu, Ahmet, Lecturer of Finance
(8/8/2016), Ph.D. (Rensselaer Polytechnic Institute)

Kumar, Ranganathan, Professor of College Of Engineering & Comp Science Dn
(1/17/2003), Ph.D. (U Illinois @Urbana-Champaign)

Kunerth, Jeff, Lecturer of Nicholson School of Communication and Media
(8/8/2015), M.F.A. (Goucher College)

Kusak, Amie, Instructional Specialist of Sdes Creative School
(5/4/2007), B.A. (University of Central Florida)

Kushima, Akihiro, Assistant Professor of Materials Science and Engineering
(3/23/2007), Ph.D. (Kyoto University)

Kwok, Ka Wai, Assistant Professor of Mechanical and Aerospace Engineering
(12/21/2016), Ph.D. (California Institute of Technology)

Kwon, Seongchun, Lecturer, Mathematics
(8/8/2017), Ph.D. (Michigan State University)

Kwon, David, Associate Professor of Hospitality Management Services
(8/8/2006), Ph.D. (Iowa State University)

Lamanna, Jacqueline, Assistant Professor of Nursing
(11/22/2005), Ph.D. (University of Central Florida)

Lambert, Megan, Instructor of Writing & Rhetoric
(8/8/2015), M.A. (University of Central Florida)

Lambert, Stephen, Associate Professor Medicine of Com Medical Education
(10/16/2006), Ph.D. (University of Witwatersrand)

Lambie, Glenn, Associate Dean and Professor of Counselor Education and School Psychology
(8/8/2005), Ph.D. (The College of William & Mary)

LaMee, Adam, Instructional Specialist of Physics
(8/8/2015), B.S. (Florida State University)

Lameier, Elizabeth, Associate In of Institute For Sim And Train
(7/15/2016), M.A. (Mount St. Joseph University)

Landreville, Sarah, Instructor of Nursing
(12/26/2008), M.S.N (University of Central Florida)

Lanier, Patricia, Instructor of School of Teacher Education
(8/8/2004), M.A. (University of Central Florida)

Lanier, Drew, Associate Professor of School of Politics, Security, and International Affairs
(8/8/1997), Ph.D. (University of North Texas)

Laning, Christine, Instructor of Pe Eli
(8/8/2015), M.A. (University of Central Florida)

LaPage, Gary, Instructor of Nicholson School of Communication and Media
(8/8/2014), M.S. (University of Illinois at Urbana-Champaign)

Lapchick, Richard, Professor of Sport Business Management
(8/8/2001), Ph.D. (University of Denver)

Lapka, Christine, Assistant Professor of School of Performing Arts
(8/8/2019), Ed.D. (University of Illinois)

Larson, Peter, Associate Professor of History
(8/8/2006), Ph.D. (Rutgers, the State University of NJ)

Larson, Sarah, Assistant Professor of Public Administration
(8/8/2016), Ph.D. (Indiana University)

Lartonoix, Paul, Associate Professor of Administration And Finance Vp
(8/8/1998), M.F.A. (Lindenwood University)

Launier, Eugene, Associate Instructor of Writing & Rhetoric
(8/24/2007), M.A. (St. Cloud State University)

Lavendol, Vicki, Instructor of Hospitality Management Services
(8/8/2010), M.B.A. (Rollins College)

Laviola II, Joseph, Associate Professor of Electrical Engineering Computer Science
(12/21/2006), Ph.D. (Brown University)

Lawrence, Shawn, Associate Professor of Social Work
(8/13/2004), Ph.D. (State University of NY at Buffalo)

Le, Duy, Assistant Scholar/Scientist of Physics
(5/11/2012), Ph.D. (University of Central Florida)

Leavens, Gary, Professor of Computer Science
(8/8/2007), Ph.D. (Massachusetts Inst. of Tech.)

Ledesma, Norma, Instructor of Modern Languages
(8/8/2011), M.A. (University of Central Florida)

Lee, Eunkyung, Assistant Professor of Health Sciences
(8/8/2017), Ph.D. (University of Miami)

Lee, Woo Hyoung, Associate Professor of Civil Engineering
(8/8/2013), Ph.D. (University of Cincinnati)

Lee, Junho, Associate Professor of Mathematics
(8/8/2007), Ph.D. (Michigan State University)

Lee, Gene, Associate Professor of Industrial Engineering And Management Sys
(8/9/1985), Ph.D. (TX Tech University)

Lee, Ji-Eun, Assistant Professor of Hospitality Management Services
(8/8/2010), Ph.D. (Purdue University)

Lee, JaeYoung, Research Assistant Professor of Civil Engineering
(6/9/2014), Ph.D. (University of Central Florida)

Lee, Keith, Faculty Administrator of Sport Business Management
(7/31/2002), Ph.D. (University of California)

Legron-Rodriguez, Tamra, Lecturer of Chemistry; National Center for Forensic Science
(8/8/2015), Ph.D. (University of Central Florida)

Leinecker, Richard, Lecturer of Computer Science
(6/30/2014), Ph.D. (Capella University)

Leitch, Deborah, Lecturer of School Of Visual Arts & Design
(8/8/2014), M.F.A. (University of Central Florida)

Leo, Christopher, Instructor of Integrated Business
(8/8/2012), M.S.M (University of Central Florida)

Leon, Ana, Professor of Social Work
(8/8/1994), Ph.D. (New York University)

Leon, Lorraine, Assistant Professor of Materials Science And Engineering
(12/21/2016), Ph.D. (City University of New York)

Leon-Barth, Sandra, Instructional Specialist of Undergrad Study Experience Lrng
(1/12/2004), M.A. (University of Central Florida)

Lester, Connie, Associate Professor of History
(8/8/2005), Ph.D. (University of Tennessee)

Leticee, Marie, Associate Professor of Modern Languages
(8/8/1994), Ed.D. (University of Central Florida)

Leuenberger, Michael, Professor of Nanoscience Tech Center Operations
(8/1/2005), Ph.D. (University of Basel)

Levermore Bartolone, Monique, Associate Lecturer of Psychology
(8/8/2013), Ph.D. (Howard University)

Levin, Judith, Associate Lecturer of School of Teacher Education
(8/8/2006), Ed.D. (Nova Southeastern University)

Lewis, Dwight, Assistant Professor of Philosophy
(8/14/2020), Ph.D. (University of South Florida)

Lewis, Kristy, Assistant Professor of Biology
(8/8/2018), Ph.D. (Louisiana State University)

Li, Yingru, Assistant Professor of Sociology
(8/8/2015), Ph.D. (University of Utah)

Li, Xin, Professor of Mathematics
(12/21/1989), Ph.D. (University of South Florida)

Li, Si-Yan, Assistant Professor of School Of Performing Arts
(8/8/2016), MM (Johns Hopkins University)

Li, Xiaoman, Associate Professor Medicine of Col Of Med School Biomed Science Dean
(9/15/2008), Ph.D. (University of Southern California)

Li, Guifang, Professor of Optics and Photonics
(9/1/1997), Ph.D. (University of Wisconsin)

Li, Qifeng, Assistant Professor of Electrical Engineering
(12/21/2017), Ph.D. (Arizona State University)

Liebig, Natasha, Lecturer of Philosophy
(8/8/2016), Ph.D. (University of Central Florida)

Lighthall, Nichole, Assistant Professor of Psychology
(8/8/2015), Ph.D. (University of Southern California)

Likamwa, Patrick, Associate Professor of Optics and Photonics
(9/25/1989), Ph.D. (University of Sheffield)

Lillios, Anna, Professor of English
(8/8/1986), Ph.D. (University of Iowa)

Lin, Mingjie, Associate Professor of Electrical Engineering
(1/3/2011), Ph.D. (Stanford University)

Lin, Kuo-Chi, Associate Professor of Mechanical and Aerospace Engineering
(8/8/1990), Ph.D. (University of Michigan)

Lindo, Jascinth, Associate Professor of Nursing
(8/8/2018). PhD (The University of the West Indies, Mona)

Lindsley, Boyd, Instructor of Nicholson School of Communication and Media
(8/8/2007), M.A. (University of Central Florida)

Liou, Kuotsai, Professor of Public Administration
(8/8/1996), DPA (University of Oklahoma)

Lisella, Joseph, Research Associate of Institute For Sim And Train
(10/16/2015), M.A. (Webster University)

Listengarten, Julia, Professor of School Of Performing Arts
(8/8/1999), Ph.D. (University of Michigan)

Little, Mary, Professor of School of Teacher Education
(8/8/1996), Ph.D. (University of Kansas)

Littlefield, Robert, Professor of Nicholson School of Communication and Media
(8/8/2016), Ph.D. (University of Minnesota)

Liu, Fei, Assistant Professor of Computer Science
(8/8/2015), Ph.D. (University of Texas at Dallas)

Liu, Fudong, Assistant Professor of Civil Engineering
(8/8/2018) Ph.D. (University of Chinese Academy of Sciences, Beijing)

Liu, Lin, Assistant Professor of Marketing
(7/1/2014), Ph.D. (University of Southern California)

Liu, Xinliang, Associate Professor of Health Management Information
(8/8/2012), Ph.D. (Virginia Commonwealth University)

Llewellyn, Mark, Associate Lecturer of Computer Science
(9/4/1998), Ph.D. (University of Central Florida)

Lobo Fenoglietto, Fluvio, Assistant In of Institute For Sim And Train
(10/15/2015), M.S. (University of Minnesota)

Loerzel, Victoria, Associate Professor of Nursing
(8/8/2002), Ph.D. (University of Central Florida)

Logan, Lisa, Associate Professor of English
(8/8/1996), Ph.D. (University of Rochester)

Logan, Ronald, Associate Professor of Tourism Events & Attractions
(8/8/2003), M.A. (University of California Los Angeles)

Logiudice, Frank, Associate Instructor of Biological Sciences
(8/22/1997), M.S. (University of Central Florida)

Longhany, Joseph, Instructor of Writing & Rhetoric
(8/8/2010), M.A. (University of Central Florida)

Lopez Castillo, Humberto, Assistant Professor of Health Sciences
(8/8/2018), Ph.D. (University of South Florida)

Lopez, Humberto, Professor of Modern Languages
(8/8/1996), Ph.D. (Florida State University)

Lopez, Genaro, Professor of Medicine of Col Of Med School Biomed Science Dean
(8/8/2004), Ph.D. (Colorado State University)

Lopez-Garcia, Abey, Assistant Professor of Mathematics
(8/8/2017), Ph.D. (Vanderbilt University)

Lopez Ojeda, Wilfredo, Assistant Professor Medicine of Col Of Med School Biomed Science Dean
(8/8/2004), M.S. (University of Puerto Rico Med Sci.)

Lopp, Linda, Instructor of Nursing
(8/8/2008), M.S.N (University of Phoenix)

Loree, Michael, Instructor of Sociology
(8/8/2009), M.A. (University of Florida)

Lotz, Theo, Associate Lecturer of College Of Arts And Hum Dean
(8/15/2003), M.F.A. (Louisiana State University)

Loughran, Carrie, Instructor of Communication Sciences and Disorders
(05/02/2008), M.A. (University of Central Florida)

Lu, Yan, Assistant Professor of Finance
(8/8/2015), Ph.D. (University of Florida)

Lucken, Karol, Associate Professor of Criminal Justice
(8/8/1994), PHS (Florida State University)

Ludwig, Virginia, Associate Instructor of Modern Languages
(12/21/2002), M.A. (University of Central Florida)

Lugo, Ramon, Faculty Administrator of Florida Space Institute
(1/7/2013), M.S. (Florida Institute of Technology)

Lugo, Michelle, Instructor of Nursing
(8/8/2016), M.S.N (Keiser University)

Luke, Stephanie, Instructor of School of Teacher Education
(8/8/2012), M.Ed. (University of Central Florida)

Luo, Weili, Professor of Physics
(8/8/1992), Ph.D. (University of California Los Angeles)

Lutz, Alyssa, Instructor of Florida Interactive Entertainment Academy
(8/8/2019), M.S. (University of Central Florida)

Luzincourt, Geraldine, Instructor of Nursing
(8/8/2012), M.S.N (Barry University)

Lyakh, Arkadiy, Assistant Professor of Nanoscience Tech Center Operations
(9/28/2015), Ph.D. (University of Florida)

Lynch, Claudia, Assistant Professor of School Of Performing Arts
(8/15/2014), B.A. (State University of NY at Geneseo)

Lyons, Amelia, Associate Professor of History
(8/8/2005), Ph.D. (University of Cal. Irvine)

Maboudou, Edgard, Associate Professor of Statistics and Data Science
(8/8/2006), Ph.D. (University of Minnesota)

Macedonia, Michael, Faculty Administrator of Office Of Research Operations
(8/16/2013), Ph.D. (Naval Postgraduate School)

Mackie, Kevin, Professor of Civil Engineering
(8/8/2006), Ph.D. (University of California, Berkley)

Macy, Marisa, Lecturer of School of Teacher Education
(2004), Ph.D., (University of Oregon)

Magdum, Ujjwala, Assistant In of Florida Solar Energy Center
(8/9/2010), B.A. (Shivaji University)

Mahan, Sue, Associate Professor of Criminal Justice
(8/8/1987), Ph.D. (University of MO)

Main, Eric, Faculty Administrator of Academic, Faculty & Int'l Affairs
(8/8/1999), M.A. (University of Central Florida)

Majkowski, Vivian, Assistant Professor of School of Performing Arts
(8/8/2019), M.F.A. (Harvard University)

Malala, John, Associate Professor of Nicholson School of Communication and Media
(8/8/2001), Ph.D. (University of Bradford)

Malebranche-Gauthier, Nick Myrca, Instructor of Modern Languages
(12/23/2014), M.A. (University of South Florida)

Malendevych, Iryna, Associate Instructor of Criminal Justice
(8/8/2006), M.S. (University of Central Florida)

Malvey, Donna, Associate Professor of Health Management Information
(1/1/2003), Ph.D. (University of Alabama at Birmingham)

Mangum, Lauren (Colby), Assistant Professor of School of Kinesiology and Physical Therapy
(5/20/2018), PhD (University of Virginia)

Mansfield, Katherine, Associate Professor of Biological Sciences
(8/8/2013), Ph.D. (College of William and Mary)

Mansy, Hansen, Associate Professor of Mechanical and Aerospace Engineering
(8/8/2013), Ph.D. (Illinois Institute of Tech.)

Mantzaris, Alexander, Assistant Professor of Statistics and Data Science
(8/8/2016), Ph.D. (University of Edinburgh)

Maraj, Crystal, Research Associate of Institute For Sim And Train
(6/19/2015), Ph.D. (University of Central Florida)

Marien, Daniel, Associate Lecturer of School of Politics, Security, and International Affairs
(8/8/2008), Ph.D. (The New School)

Marinescu, Dan, Professor of Computer Science
(8/8/2001), Ph.D. (Polytechnic Institute Bucharest)

Marino, Matthew, Professor of School of Teacher Education
(8/8/2012), Ph.D. (University of Connecticut)

Marosi, Laszlo, Associate Professor of School Of Performing Arts
(8/8/2003), Ph.D. (Florida State University)

Marshall, Nancy, Faculty Administrator of College of Community Innovation and Education, Lecturer of Educational Leadership and Higher Education
(2006), Ed.D., (University of Central Florida)

Martin, Paul, Associate Instructor of Writing & Rhetoric
(9/22/2006), M.A. (University of Central Florida)

Martin, Lawrence, Professor of Public Affairs Doctoral Program
(7/4/2003), Ph.D. (Arizona State University)

Martin, Suzanne, Professor of School of Teacher Education
(8/8/2000), Ph.D. (University of Florida)

Martin, Heath, Associate Professor of Mathematics
(8/8/1995), Ph.D. (Louisiana St University)

Martin, James, Instructor of Philosophy
(8/22/2016), M.A. (University of Miami)

Martin, Eric, Program Dir of Florida Solar Energy Center
(4/18/1997), M.S. (Florida Technology)

Martin, Glenn, Assistant Professor of Institute For Sim And Train
(11/20/1998), Ph.D. (University of Central Florida)

Martinez Fernandez, Luis, Professor of History
(7/9/2004), Ph.D. (Duke University)

Martino, Lisa, Lecturer of Educational Leadership and Higher Education
(2017), Ph.D., (University of South Florida)

Mason, Chase, Assistant Professor of Biological Sciences
(12/21/2016), Ph.D. (University of Georgia)

Massiah, Carolyn, Associate Lecturer of Marketing
(6/7/2005), Ph.D. (Arizona State University)

Masternak, Michal, Associate Professor Medicine of Col Of Med School Biomed Science Dean
(8/8/2011), Ph.D. (Poznan University of Medical Sciences)

Masunov, Artem, Associate Professor of Nanoscience Tech Center Operations

(5/16/2005), Ph.D. (City University of New York)

Masyada, Stephen, Program Director of Lou Frey Institute
(8/1/2014), Ph.D. (University of Florida)

Matejowsky, Ty, Associate Professor of Anthropology
(8/16/2002), Ph.D. (Texas A&M University)

Matthews, Gerald, Associate Professor of Institute For Sim And Train
(6/21/2013), Ph.D. (University of Cambridge)

Matura, Julie, Associate Instructor of Communication Sciences and Disorders
(8/8/2014), M.A. (University of Central Florida)

Matusiak, Matthew, Associate Professor of Criminal Justice
(8/8/2013), Ph.D. (Sam Houston State University)

Matusitz, Jonathan, Associate Professor of Nicholson School of Communication and Media
(8/8/2006), Ph.D. (University of Oklahoma)

Mauer, Barry, Associate Professor of English
(8/8/1999), Ph.D. (University of Florida)

Mayfield Garcia, Stefanie, Associate Instructor of Marketing
(8/8/2001), M.S. (Florida International University)

Mayo, Talea, Assistant Professor of Civil Engineering
(8/8/2015), Ph.D. (University of Texas at Austin)

Mazany, Shellene, Instructor of Social Work
(10/31/2008), M.S.W (University of Central Florida)

Mazzucchelli, Chiara, Associate Professor of Modern Languages
(8/8/2007), Ph.D. (Florida Atlantic University)

McCabe, Catherine, Instructor of Pe Eli
(8/8/2015), M.A. (Northeastern Illinois University)

McCafferty, James, Lecturer of Nicholson School of Communication and Media
(8/8/2012), Ph.D. (University of Texas-Austin)

Mccain, Joan, Associate Instructor of Nicholson School of Communication and Media
(9/12/2002), M.A. (University of Central Florida)

McCauley, Pamela, Professor of Industrial Engineering And Management Sys
(5/10/1993), Ph.D. (University of Oklahoma)

Mcclellan, Tammie, Program Dir of Institute For Sim And Train
(1/3/1996), MMM (University of Central Florida)

Mcconnell, Daniel, Associate Lecturer of Psychology
(8/8/2007), Ph.D. (Indiana University)

McDaniel, Thomas, Associate Professor of College Of Arts And Hum Dean
(8/10/2001), Ph.D. (University of Central Florida)

McDaniel, Carole, Associate In of Institute For Sim And Train
(5/21/2004), M.A. (University of Central Florida)

McDonald, Holly, Associate Lecturer of School Of Performing Arts
(8/8/2002), M.F.A. (University of Alabama)

McGann, Debra, Lecturer of School of Teacher Education
(8/8/2015), Ed.D. (University of Central Florida)

McGregor, Maxine, Instructor of Social Work
(2/12/2016), M.S.W (University of Central Florida)

Mcilvaine, Janet, Assistant In of Florida Solar Energy Center
(8/11/1995), B.S. (Clemson U)

McKenny, Aaron, Assistant Professor of Management
(8/8/2014), Ph.D. (University of Oklahoma, Norman)

McKinstry, Karl, Assistant Professor Medicine of Col Of Med School Biomed Science Dean
(9/1/2015), Ph.D. (University of Saskatchewan)

McLaughlin, Irina, Instructor of School of Teacher Education
(8/8/2007), M.A. (Eastern Michigan University)

McManus, Michael, Lecturer of School of Teacher Education
(8/8/2016), Ph.D. (University of Arizona)

McMillin, Abigail, Instructor of Pe Eli
(8/8/2015), M.A. (University of IL at Chicago)

McVey, Valerie, Instructional Specialist of Lou Frey Institute
(4/21/2008), M.A. (Saint Joseph College)

Mealor, David, Professor of Regional Campus Seminole
(2/15/1980), Ph.D. (University of Georgia)

Medeiros, Stephen, Lecturer of Civil Engineering
(5/14/2012), Ph.D. (University of Central Florida)

Meehan, Kevin, Professor of English
(8/8/1996), Ph.D. (University of Maryland College Park)

Mehta, Anuja, Assistant Professor Medicine of Com Clinical Science
(8/1/2016), M.D. (University of Florida)

Mejia, Cynthia, Assistant Professor of Food Svc & Lodge Management
(8/8/2013), Ph.D. (Texas Tech University)

Meltzer, Brett, Associate Lecturer of Legal Studies
(8/8/2011), J.D. (University of Florida)

Merriam, Eric, Associate Professor of Legal Studies
(8/8/2015), LLM (George Washington University)

Metcalf, David, Associate Professor of Institute For Sim And Train
(5/16/2008), Ph.D. (Nova Southeastern University)

Metzger, Philip, Associate In of Florida Space Institute
(8/8/2014), Ph.D. (University of Central Florida)

Michaels, Ronald, Professor of Marketing
(6/29/1994), Ph.D. (Indiana University)

Mihai, Florin, Associate Professor of Modern Languages
(8/8/2006), Ph.D. (Florida State University)

Mikhael, Wasfy, Professor of Electrical Engineering
(8/8/1988), Ph.D. (Concordia University)

Mikusinski, Piotr, Professor of Mathematics
(8/9/1985), Ph.D. (Polish Academy)

Milanes, Cecilia, Professor of English
(8/8/1999), Ph.D. (University of Albany)

Miller, Kelly, Assistant Professor of School Of Performing Arts
(8/8/2012), DM.A. (Michigan State University)

Miller, Ann, Associate Professor of Nicholson School of Communication and Media
(8/8/2008), Ph.D. (University of Georgia)

Milliner, Michelle, Research Associate of Institute For Sim And Train
(2/9/2007), B.A. (University of Central Florida)

Mills, Lisa, Associate Professor of Nicholson School of Communication and Media
(8/8/1999), Ph.D. (University of Florida)

Milman, Ady, Professor of Tourism Events & Attractions
(2/3/1986), Ph.D. (University of Massachusetts)

Milon, Abby, Associate Lecturer of Legal Studies
(12/21/2000), J.D. (University of Florida)

Milon, Joseph, Professor of Economics
(8/8/2000), Ph.D. (Florida State University)

Min, Hanyi, Assistant Professor of Psychology
(8/8/2018), Ph.D. (Bowling Green State University)

Mingareev, Helene, Research Associate of Optics and Photonics
(7/19/2013), M.S. (Georg-August-University)

Mirilovic, Nikola, Associate Professor of School of Politics, Security, and International Affairs
(8/8/2011), Ph.D. (University of Chicago)

Mishtal, Joanna, Associate Professor of Anthropology
(8/8/2008), Ph.D. (University of Colorado at Boulder)

Mitchell, David, Assistant Professor of Public Administration
(8/8/2014), Ph.D. (Northern Illinois University)

Mitchell, Meghan, Assistant Professor of Criminal Justice
(2018), Ph.D. (Sam Houston State University)

Modianos, Doan, Faculty Administrator of Psychology
(5/15/2006), Ph.D. (Texas Christian University)

Mohaisen, Aziz, Associate Professor of Computer Science
(8/31/2012), Ph.D. (University of Minnesota)

Mohapatra, Ram, Professor of Mathematics
(8/3/1984), Ph.D. (University of Jabalpur)

Moharam, M., Professor of Optics and Photonics
(12/11/1987), Ph.D. (University of Brit Columbia)

Mojicar, Luis, Associate Professor Medicine of Com Internal Medicine
(3/1/2016), M.D. (Central University of the East)

Molina, Olga, Associate Professor of Social Work
(8/8/2006), DS.W. (City University of New York)

Mollaghasemi, Mansooreh, Associate Professor of Industrial Engineering And Management Sys
(8/8/1991), Ph.D. (University of Louisville)

Mondesire, Sean, Assistant Professor of Institute For Sim And Train
(9/22/2016), Ph.D. (University of Central Florida)

Monroe, Manette, Assistant Professor Medicine of Com Clinical Science
(7/9/2010), M.D. (East TN State University)

Montagne, Euripides, Associate Lecturer of Computer Science
(12/23/1998), Ph.D. (University Central de Venezuela)

Montalvo, Maria, Associate Instructor of Modern Languages
(8/13/2002), M.A. (University of Central Florida)

Montgomery, Renee, Assistant Librarian of University Libraries
(9/15/2003), M.S. (Florida State University)

Montgomery, Michele, Lecturer of Physics
(9/24/2004), Ph.D. (Florida Institute of Technology)

Montgomery, Kimberly, Assistant Librarian of University Libraries
(11/21/1988), M.A. (Florida State University)

Montoya, Vicki, Assistant Professor of Nursing
(8/8/2016), Ph.D. (University of Central Florida)

Moody, Jane, Lecturer of English
(8/8/2008), Ph.D. (University of Central Florida)

Moore, Sarah, Instructor of Nursing
(1/3/2017), M.S.N (Jacksonville University)

Moore, Denise, Instructional Specialist of Undergrad Study Experience Lrng
(6/19/1998), M.A. (University of Central Florida)

Moore, Jeffrey, Professor of College Of Arts And Hum Dean
(8/8/1994), MM (University of Wisconsin)

Moore, Sean, Associate Professor Medicine of Col Of Med School Biomed Science Dean
(8/8/2008), Ph.D. (University of Alabama)

Moore, Brian, Associate Professor of Mathematics
(8/8/2007), Ph.D. (University of Surrey)

Moran, Carrie, Assistant Librarian of University Libraries
(5/10/2013), M.S. (Drexel University)

Moran-Bano, Colleen, Assistant Professor Medicine of Com Clinical Science
(4/2/2010), M.D. (University of South Florida)

Moreto, William, Associate Professor of Criminal Justice
(8/8/2013), Ph.D. (Rutgers University)

Morin, Jennifer, Instructor of Integrated Business
(8/8/2016), M.B.A. (Florida Institute of Technology)

Morris, Barry, Faculty Administrator of Pe Eli
(5/27/2016), Ph.D. (Emory University)

Morrow, Patricia, Assistant Professor of Institute For Sim And Train
(7/17/2015), Ph.D. (University of Central Florida)

Morton, William, Associate Instructor of English
(8/8/1999), M.A. (Miami University of Ohio)

Mosher, Matthew, Assistant Professor of Nicholson School of Communication and Media
(8/8/2015), M.F.A. (Arizona State University)

Moskal, Patrick, Faculty Administrator of Office Of Student Support
(10/13/1989), Ph.D. (U of Notre Dame)

Mothion, Patrice, Lecturer of Modern Languages
(8/8/2016), Ph.D. (City University of New York)

Mottarella, Karen, Associate Lecturer of Psychology
(12/16/1998), PSYD (Florida Institute of Technology)

Mouloua, Mustapha, Professor of Psychology
(8/8/1994), Ph.D. (Catholic University of America)

Mousseau, Demet, Assistant Professor of School of Politics, Security, and International Affairs
(8/8/2014), Ph.D. (Binghamton University)

Mousseau, Michael, Professor of School of Politics, Security, and International Affairs
(8/8/2013), Ph.D. (Binghamton University)

Mucciolo, Eduardo, Professor of Physics
(12/21/2003), Ph.D. (Massachusetts Institute. of Tech.)

Muhs, Tammy, Associate Lecturer of Mathematics
(8/13/2004), Ph.D. (University of Central Florida)

Mukherjee, Jaydeep, Research Associate of Florida Space Institute
(11/14/2000), Ph.D. (University of Florida)

Mukhopadhyay, Kausik, Lecturer of Materials Science and Engineering
(12/3/2004), Ph.D. (University of Pune)

Mulvihill, Rachel, Associate Librarian of University Libraries
(1/7/2002), M.A. (University of South Florida)

Mundale, Jennifer, Associate Professor of Philosophy
(8/8/1999), Ph.D. (Washington University)

Muradov, Nazim, Professor of Florida Solar Energy Center
(10/10/1990), Ph.D. (Commission of Council of Min.)

Murphey, Rebecca, Assistant Librarian of University Libraries
(6/21/2010), M.A. (University of Alabama)

Murphree, Daniel, Associate Professor of History
(8/8/2010), Ph.D. (Florida State University)

Murphy, Kevin, Associate Professor of Hospitality Management Services
(8/8/2003), Ph.D. (Virginia Tech)

Musambira, George, Associate Professor of Nicholson School of Communication and Media
(8/8/2006), Ph.D. (State University of New York, Buffalo)

Mustaine, Elizabeth, Professor of Sociology
(8/8/1994), Ph.D. (Ohio State University)

Myron, Jeffrey, Assistant In of Florida Solar Energy Center
(1/11/2010), B.S. (University of Central Florida)

Myser, Suzette, Assistant Professor of Public Administration
(8/12/2016), Ph.D. (University of Kansas)

· **Nader, Marino**, Lecturer of Mechanical and Aerospace Engineering
(8/8/2016), Ph.D. (McGill University)

Nadimpalli, Ravi, Asst Scholar/Scient/Eng Medici of Col Of Med School Biomed Science Dean
(1/1/2016), Ph.D. (University Putra Malaysia)

Nagaiah, Narasimha, Research Associate of Office Of Research Operations
(3/2/2012), Ph.D. (University of Central Florida)

Nakajima, Yasuyuki, Assistant Professor of Physics
(11/18/2016), Ph.D. (University of Tokyo)

Nalbone, Lisa, Associate Professor of Modern Languages
(8/8/1995), Ph.D. (Florida State University)

Nalley, Michael, Assistant Professor of Food Svc & Lodge Management
(8/8/2016), Ph.D. (Northcentral University)

Nam, Boo Hyun, Associate Professor of Civil Engineering
(8/8/2011), Ph.D. (University of Texas)

Narayan, Rochisha, Assistant Professor of History
(8/8/2019), Ph.D. (Rutgers University)

Naser, Saleh, Professor of Medicine of Col Of Med School Biomed Science Dean
(8/8/1995), Ph.D. (New Mexico St University)

Nashed, M, Professor of Mathematics
(8/8/2002), Ph.D. (University of Michigan)

Neal, Mary, Associate Professor of English
(8/8/2008), Ph.D. (University of Southern Mississippi)

Nedorost, Thomas, Instructor of Computer Science
(8/8/2012), Ed.D. (Arizona State University)

Neel, Steven, Associate Instructor of Nicholson School of Communication and Media
(8/13/2004), M.A. (University of Central Florida)

Neely, Laurie, Assistant Professor of School of Kinesiology and Physical Therapy
(6/18/2018), D.P.T. (Old Dominion)

Neer, Sandra, Assistant Professor of Psychology
(1/21/2011), Ph.D. (Louisiana State University)

Neff, Donna, Associate Professor of Nursing
(8/8/2013), Ph.D. (Case Western Reserve University)

Negy, Charles, Associate Professor of Psychology
(8/8/1998), Ph.D. (Texas A&M University)

Neider, Mark, Associate Professor of Psychology
(8/8/2011), Ph.D. (Stoney Brook University)

Neubauer, Charlotte, Associate Instructor of Nursing
(8/15/2007), M.S.N (University of Phoenix)

Neuberger, Lindsay, Associate Professor of Nicholson School of Communication and Media
(8/8/2011), Ph.D. (Michigan State University)

Neupane, Madhab, Assistant Professor of Physics
(12/23/2015), Ph.D. (Boston College)

Nevai, Andrew, Associate Professor of Mathematics
(8/8/2008), Ph.D. (University of California)

Newins, Amie, Assistant Professor of Psychology
(8/8/2016), Ph.D. (Virginia Tech)

Ng, Boon Peng, Assistant Professor of Nursing
(8/8/2018), PhD (Wayne State University)

Ni, Liqiang, Associate Professor of Statistics and Data Science; National Center for Forensic Science
(8/11/2003), Ph.D. (University of Minnesota)

Nichols, Gary, Associate Instructor of Management
(9/8/2006), M.B.A. (University of South Florida)

Nickels, Megan, Assistant Professor of School of Teacher Education
(8/8/2015), Ph.D. (Illinois State University)

Nickerson, David, Professor of Statistics and Data Science
(8/8/1990), Ph.D. (University of Florida)

Niess, Christopher, Associate Professor of School Of Performing Arts
(8/8/2001), M.F.A. (Kent State University)

Nieves, Kourtney, Associate Lecturer of Health Management Information
(12/23/2013), Ph.D. (University of Central Florida)

Nightingale, Deborah, Professor of Industrial Engineering And Management Sys
(2/1/2017), Ph.D. (Ohio State University)

Nigusse, Bereket, Associate In of Florida Solar Energy Center
(11/30/2009), Ph.D. (Oklahoma State University)

Nobles, Matthew, Professor of Criminal Justice
(8/8/2015), Ph.D. (University of Florida)

Noblin, Alice, Associate Professor of Health Management Information
(8/8/2004), Ph.D. (University of Central Florida)

Nocasian, Mihaela, Lecturer of Nicholson School of Communication and Media
(9/7/2018), Ph.D. (Florida State University)

Noel, Benjamin, Faculty Administrator of FI Interactive Entertainment Academic
(12/21/2012), M.B.A. (Rollins College)

Nolan, Justin, Lecturer of School Of Visual Arts & Design
(8/8/2014), M.F.A. (University of New Mexico)

Norman, Tetiana, Lecturer of Pe Eli
(8/8/2014), Ph.D. (S. Ukrainian State Pedagog University)

Norris, Sarah, Assistant Librarian of University Libraries
(8/14/2015), MMM (Wayne State University)

Novatnak, Daniel, Instructor of Nicholson School of Communication and Media
(7/15/2005), M.A. (University of Central Florida)

Nuhn, Peggy, Assistant Librarian of Regional Campuses
(8/27/1987), M.A. (University of South Florida)

Nutta, Joyce, Professor of School of Teacher Education
(8/8/2007), Ph.D. (University of South Florida)

Nwakanma, Obi, Assistant Professor of English
(8/8/2011), Ph.D. (St. Louis University)

Obrien, Jeffrey, Faculty Administrator of Sport Business Management
(9/22/2006), M.S.ED (Canisius College)

O'Connor, Julia, Assistant Professor of Social Work
(8/8/19), Ph.D. (Rutgers University)

Odahowski, Cassie, Assistant Professor of Health Sciences
(8/8/2019), Ph.D. (University of South Carolina)

Oetjen, Dawn, Professor of Health Management Information
(8/13/1999), Ph.D. (University of Alabama at Birmingham)

Oetjen, Reid, Associate Professor of Health Management Information
(8/8/2008), Ph.D. (University of Central Florida)

Oh, Jong Min, Assistant Professor of Finance
(8/24/2015), Ph.D. (University of Texas at Dallas)

Oigarden, Brian, Assistant In of Institute For Sim And Train
(5/30/2008), B.S. (University of Central Florida)

Okumus, Bendegul, Assistant Professor of Hospitality Management Dean
(8/8/2016), Ph.D. (Selcuk University)

Okumus, Fevzi, Professor of Hospitality Management Services
(8/8/2005), Ph.D. (Oxford Brookes University)

Olan, Elsie, Associate Professor of School of Teacher Education
(8/8/2012), Ph.D. (Pennsylvania State University)

Oloufa, Amr, Professor of Civil Engineering
(12/23/1998), Ph.D. (UC Berkeley)

O'Neal, Thomas, Associate Professor of Office Of Research Operations
(6/19/1992), Ph.D. (University of Central Florida)

Ong, Lay Khim, Associate Professor of Accounting
(11/21/2016), Ph.D. (University of Southern California)

Oonge, Harrison, Faculty Administrator of Undergraduate Studies
(7/1/2016), Ed.D. (East Virginia University)

Orlovskaya, Nina, Associate Professor of Mechanical and Aerospace Engineering
(12/15/2006), Ph.D. (Institute for Problems of Mat)

Orlowski, Marissa, Assistant Professor of Food Svc & Lodge Management
(8/8/2016), Ph.D. (University of Central Florida)

Orooji, Ali, Associate Professor of Computer Science
(12/18/1984), Ph.D. (Ohio State)

Ortiz, Enrique, Associate Professor of School of Teacher Education
(8/8/1989), Ed.D. (Louisiana State University)

Ortiz, Judith, Associate Professor of Col Of Health And Pub Affairs Dean
(9/26/2008), Ph.D. (University of Central Florida)

O'Shea, Deirdre, Associate Instructor of History
(8/8/2003), M.A. (University of Central Florida)

Ozbay, Ahmet, Lecturer of Mechanical and Aerospace Engineering
(8/8/2016), Ph.D. (Iowa State University)

Ozoglu, Adem, Professor of History
(8/8/2007), Ph.D. (Ohio State University)

Oztan-Meli, Meltem, Lecturer of Pe Eli
(8/8/2015), Ph.D. (Kent State University)

Ozturk, Ahmet, Assistant Professor of Hospitality Management Services
(8/8/2011), Ph.D. (Oklahoma State University)

Paarsch, Harry, Professor of Economics
(7/8/2015), Ph.D. (Stanford University)

Pabian, Patrick, Associate Professor of School of Kinesiology and Physical Therapy
(2/1/2008), D.P.T. (University of St. Augustine)

Pace, Victoria, Associate Lecturer of Psychology
(8/8/2013), Ph.D. (University of South Florida)

Page, Mary, Librarian of University Libraries
(8/8/2010), MLS (Rutgers University)

Pal, Sudeshna, Lecturer of Mechanical and Aerospace Engineering
(2/6/2012), Ph.D. (Michigan State University)

Pang, Shuo, Assistant Professor of Optics and Photonics
(1/5/2015), Ph.D. (California Institute of Tech.)

Paoline, Eugene, Professor of Criminal Justice
(8/8/2001), Ph.D. (University at Albany, State University of New York)

Pape, Michael, Instructor of Management
(8/8/2015), Ph.D. (Purdue University)

Paradiso, James, Instructor of Pe Eli
(8/8/2015), M.Ed. (University of South Florida)

Park, Hyung, Lecturer of Sociology
(8/8/2013), Ph.D. (University of Pittsburgh)

Park, Jeong-Yeol, Assistant Professor of Hospitality Management Services
(8/8/2014), Ph.D. (Purdue University)

Park, Chung, Assistant Professor of School Of Performing Arts
(8/8/2015), DM.A. (University of Miami)

Park, Shelley, Professor of Philosophy
(8/8/1990), Ph.D. (Duke University)

Parker, Danny, Research Associate of Florida Solar Energy Center
(3/18/1988), M.A. (U of Montana)

Parks, Griffith, Professor of Medicine of Col Of Med School Biomed Science Dean
(8/8/2014), Ph.D. (University of Wisconsin-Madison)

Parra-Tatge, Marisol, Lecturer of Psychology
(8/10/2013), Ph.D. (Florida Atlantic University)

Parrish, Adam, Lecturer of Nicholson School of Communication and Media
(8/8/2016), Ph.D. (University of Kentucky)

Parthasarathy, Sampath, Professor of Medicine of College Of Medicine Dean
(11/1/2011), Ph.D. (Indian Institute of Science)

Pasarica, Magdalena, Associate Professor Medicine of Com Medical Education
(8/15/2014), M.D. (Carol Davila University of Medicine and Pharmacy)

Patino Marin, Pedro, Associate Lecturer of Chemistry
(8/8/2006), Ph.D. (University of Oxford)

Patrick, Carlton, Assistant Professor of Legal Studies
(2018), Ph.D. (University of Miami)

Pattanaik, Sumanta, Associate Professor of Computer Science
(7/2/2001), Ph.D. (Birla Institute of Tech and Science)

Paulson, Daniel, Assistant Professor of Psychology
(8/8/2013), Ph.D. (Wayne State University)

Paulson, Joyce, Assistant Professor Medicine of Com Internal Medicine
(9/12/2011), M.D. (University of South Florida)

Payer, Andrew, Professor of Medicine of Com Medical Education
(2/22/2008), Ph.D. (Loyola University)

Peach, Brian, Assistant Professor of Nursing
(8/8/2018), PhD (University of Florida)

Peale, Robert, Professor of Physics
(8/8/1991), Ph.D. (Cornell University)

Pearl, Cynthia, Faculty Administrator of College of Community Innovation and Education
(9/1/2003), Ph.D. (University of Central Florida)

Peck, Jennifer, Assistant Professor of Criminal Justice
(8/8/2015), Ph.D. (University of South Florida)

Pegoraro, Evelin, Instructor of Modern Languages
(8/8/2016), M.A. (University of Central Florida)

Peles, Yoav, Professor of Mechanical and Aerospace Engineering
(12/23/2014), Ph.D. (Technion-Israel Institute. of Tech)

Pensky, Marianna, Professor of Mathematics
(8/8/1995), Ph.D. (Moscow M.V. Lomonosov St. University)

Peppler, Richard, Professor of Medicine of Com Faculty & Academic Affair
(8/6/2007), Ph.D. (University of Kansas)

Perez, Jonathan, Assistant Professor of School Of Visual Arts & Design
(8/8/2015), M.F.A. (Syracuse University)

Peters, Philip, Professor of Nicholson School of Communication and Media
(10/11/2002), M.F.A. (University of Montana)

Peterson, Lisa, Associate Instructor of Nicholson School of Communication and Media
(8/8/2003), M.A. (University of Central Florida)

Petrilli, Alejandra, Asst Scholar/Scient/Eng Medici of Col Of Med School Biomed Science Dean
(12/14/2013), Ph.D. (University of Central Florida)

Phanstiel, Otto, Professor of Medicine of Com Medical Education
(8/8/1995), Ph.D. (University of Florida)

Philpotts, Harvey, Professor of English
(8/8/2015), Ph.D. (University of Delaware)

Piasek, Jeanne, Assistant Librarian of University Libraries
(9/22/1995), M.A. (Kent State University)

Piccolo, Ronald, Professor of Management
(8/8/2005), Ph.D. (University of Florida)

Pineda, Yovanna, Associate Professor of History
(8/8/2010), Ph.D. (University of California)

Pinilla-Alonso, Noemi, Associate In of Florida Space Institute
(10/21/2015), Ph.D. (University La Laguna)

Pinkert, Laurie, Assistant Professor of Writing & Rhetoric
(8/8/2015), Ph.D. (Purdue University)

Pinkerton, Allison, Lecturer of Writing & Rhetoric
(8/8/2016), M.F.A. (University of Central Florida)

Pisano, Robin, Instructor School of Social Work
(8/8/2020), M.S.W. (State University of NY at Albany)

Pizam, Abraham, Professor of Hospitality Management Dean
(9/1/1983), Ph.D. (Cornell University)

Plamondon, Brian, Program Dir of Institute For Sim And Train
(5/4/2007), M.A. (Ohio State University)

Plant, Jennifer, Associate Lecturer of School of Kinesiology and Physical Therapy
(6/23/2010), Ed.D. (University of Central Florida)

Plate, Richard, Lecturer of Undergrad Study Interdiscip Studies
(8/8/2016), Ph.D. (University of Florida)

Plemmons, William, Instructor of Mathematics

(8/8/2010), M.S. (University of Central Florida)

Poindexter, Carla, Professor of School Of Visual Arts & Design
(8/8/2000), M.F.A. (Texas Tech University)

Poissant, David, Assistant Professor of English
(8/8/2011), Ph.D. (University of Cincinnati)

Pollock, Philip, Professor of School of Politics, Security, and International Affairs
(8/6/1982), Ph.D. (University of Minnesota)

Pomerleau, Julie, Associate Instructor of Modern Languages
(8/8/2003), MMM (University of Barcelona)

Pompos, Melissa, Instructor of Writing & Rhetoric
(8/8/2015), M.A. (University of Central Florida)

Pons, Irene, Associate Lecturer of Legal Studies
(8/8/2007), J.D. (Nova Southeastern University)

Popolan-Vaida, Denisia, Assistant Professors of Chemistry
(8/8/2017), Ph.D. (University of Ulm)

Porchia, Donald, Instructor of Mathematics
(5/4/2012), M.S. (University of Central Florida)

Porter, Robert, Lecturer of Exec Development Control
(12/22/2010), Ph.D. (University of Central Florida)

Potter, Roberto, Professor of Criminal Justice
(8/8/2008), Ph.D. (University of Florida)

Potter, Thomas, Associate Professor of School Of Performing Arts
(8/8/2005), MM (Indiana University)

Pourmohammadi Fallah, Yaser, Associate Professor of Electrical Engineering
(8/8/2016), Ph.D. (University of British Columbia)

Powell, Jonathan, Associate Professor of School of Politics, Security, and International Affairs
(8/8/2014), Ph.D. (University of Kentucky)

Poziemski, Elizabeth, Assistant Professor of Accounting
(8/8/2015), Ph.D. (University of IL at Urbana-Champaign)

Pratt Marrett, Caroline, Associate Lecturer of School of Teacher Education
(7/27/2007), Ph.D. (University of Central Florida)

Preston-Sidler, Leandra, Associate Lecturer of College Of Arts And Hum Dean
(8/8/2002), Ph.D. (University of Central Florida)

Price, Mark, Professor of School Of Visual Arts & Design
(8/8/2004), M.F.A. (University of Illinois at Urbana-Champaign)

Prior, Paula, Lecturer of Criminal Justice
(8/8/2016), Ph.D. (University of Nebraska-Omaha)

Proctor, Michael, Associate Professor of Industrial Engineering And Management Sys
(12/21/1994), Ph.D. (North Carolina St UN)

Proulx, Emily, Instructor of Writing and Rhetoric
(12/23/2020), M.A. (University of Central Florida)

Prucha, Anne, Associate Instructor of Modern Languages
(8/16/1999), M.A. (Rutgers University)

Pugh, William, Professor of English
(8/8/2001), Ph.D. (University of Oregon)

Puig, Enrique, Faculty Administrator of College of Community Innovation and Education
(8/11/2003), Ed.D. (University of Central Florida)

Purmensky, Kerry, Associate Professor of Modern Languages
(8/8/2003), Ph.D. (S. Illinois University at Carbondale)

Putnam, Shawn, Associate Professor of Mechanical and Aerospace Engineering
(8/15/2012), Ph.D. (University of Illinois at Urbana-Champaign)

Qi, Yuanwei, Associate Professor of Mathematics
(8/8/2003), Ph.D. (University of Oxford)

Qi, GuoJun, Assistant Professor of Electrical Engineering Computer Science
(8/8/2014), Ph.D. (University Illinois-Urbana Champaign)

Qi, Junjian, Assistant Professor of Electrical Engineering
(8/8/2017), Ph.D. (Tsinghua University)

Qin, Nan, Assistant Professor of Florida Solar Energy Center
(6/8/2012), Ph.D. (State University of New York)

Qu, Zhihua, Professor of Electrical Engineering
(8/8/1990), Ph.D. (GA Institute of Tech)

Quelly, Susan, Assistant Professor of Nursing
(12/21/2012), Ph.D. (University of Central Florida)

Quinn, Richard, Associate Instructor of Management
(8/16/1999), M.B.A. (Rochester Institute Tech)

Quintana-Ascencio, Pedro, Professor of Biological Sciences
(8/8/2003), Ph.D. (St. University of NY at Stony Brook)

Rabelo, Luis, Associate Professor of Industrial Engineering And Management Sys
(12/22/2000), Ph.D. (University of Missouri)

Raffel, Sara, Assistant Professor of English
(8/8/2018), Ph.D. (University of Central Florida)

Raghavan, Seetha, Associate Professor of Mechanical and Aerospace Engineering
(9/15/2008), Ph.D. (Purdue)

Rahman, Talat, Professor of Physics
(9/1/2006), Ph.D. (University of Rochester)

Rahman, Saleh, Professor of Medicine of Com Medical Education
(7/1/2016), Ph.D. (University of Alabama-Birmingham)

Rahnavard, Nazanin, Associate Professor of Electrical Engineering
(1/2/2014), Ph.D. (Georgia Institute of Tech.)

Rahouti, Noumane, Lecturer of Pe Eli
(8/8/2016), Ph.D. (University of Oklahoma)

Raible, John, Asoc Instructional Designer of Vice Provost For Info Off
(11/3/2006), M.A. (University of Central Florida)

Raimundi-Ortiz, Wanda, Assistant Professor of School Of Visual Arts & Design
(8/8/2010), M.F.A. (Rutgers University)

Raissi, Ali, Faculty Administrator of Florida Solar Energy Center
(11/16/1987), Ph.D. (University of California)

Rajaraman, Swaminathan, Assistant Professor of Material Science and Engineering
(8/8/2016), Ph.D. (Georgia Institute of Technology)

Rajasekaran, Parthiban, Assistant Professor of Nanoscience Tech Center Operations
(8/20/2013), Ph.D. (Virginia Tech)

Ramanlal, Pradipkumar, Associate Professor of Finance
(8/8/1998), Ph.D. (University of Michigan)

Ramirez, Bernardo, Associate Professor of Health Management Information
(8/8/2007), MMM (University of Mexico)

Ramirez-Quintana, Meliza, Lecturer of Modern Languages
(8/8/2016), Ph.D. (University of Alabama)

Ramos, Estelli, Instructor of Social Work
(5/8/17), M.S.W. (University of Chicago)

Randall, Jerome, Associate Instructor of Criminal Justice
(1/5/1998), M.A. (Webster University)

Randall, Andrew, Professor of Civil Engineering
(5/9/1994), Ph.D. (Auburn University)

Rankins-Roberston, Sherry, Professor of Writing and Rhetoric
(8/14/2020), Ph.D. (Arizona State University)

Rapport, Mark, Professor of Psychology
(8/8/2011), Ph.D. (Florida State University)

Ratusnik, David, Professor of Communication Sciences and Disorders
(8/8/1985), Ph.D. (Northwestern University)

Raustad, Richard, Program Dir of Florida Solar Energy Center
(2/16/1990), B.A. (University of Central Florida)

Ravela, Christian, Assistant Professor of Philosophy
(8/8/2015), Ph.D. (University of Washington)

Ravich, Timothy, Assistant Professor of Legal Studies
(8/8/2014), J.D. (University of Miami)

Ray, James, Assistant Professor of Criminal Justice
(2011), Ph.D. (University of South Florida)

Reckdenwald, Amy, Assistant Professor of Sociology
(8/8/2011), Ph.D. (University of Florida)

Redd, Alison, Lecturer of School of Kinesiology and Physical Therapy
(8/8/2019), Ed.D. (University of Central Florida)

Redd, Michael, Lecturer of School of Kinesiology and Physical Therapy
(1/25/2019), Ph.D. (University of Central Florida)

Redding, Jeffrey, Assistant Professor of Music
(8/14/2020), Ph.D. (Florida State University)

Redmon, Maria, Associate Instructor of Modern Languages
(8/8/1989), MMM (University of Madrid)

Reed, David, Assistant Professor of School Of Performing Arts
(8/8/2015), M.F.A. (Baylor University)

Reed, Dean, Research Associate of Institute For Sim And Train
(8/18/2000), B.A. (University of Central Florida)

Reedy, Robert, Professor of School Of Visual Arts & Design
(7/1/1993), M.F.A. (University of Mississippi)

Reedy, Robert, Program Dir of Florida Solar Energy Center
(1/12/2007), M.B.A. (Auburn University)

Regalla, Michele, Associate Professor of School of Teacher Education
(8/8/2013), Ph.D. (University of Pittsburgh)

Reid, Michael, Associate Professor of Mathematics
(8/8/2003), Ph.D. (Brown University)

Reilly, Charles, Professor of Academic Affairs Vp
(4/5/1996), Ph.D. (Purdue University)

Reinerman, Lauren, Assistant Professor of Institute For Sim And Train
(1/5/2009), Ph.D. (University of Cincinnati)

Reinhart, Debra, Professor of Office Of Research Operations
(8/8/1989), Ph.D. (GA Institute Tech)

Reinking, Jeffrey, Lecturer of Accounting
(8/8/2013), Ph.D. (University of Central Florida)

Renihan, Peggy, Instructional Specialist of Lou Frey Institute
(1/9/2009), B.A. (University of Central Florida)

Renk, Kimberly, Associate Professor of Psychology
(8/8/2000), Ph.D. (University of South Florida)

Renshaw, Christopher, Assistant Professor of Optics and Photonics
(8/17/2015), Ph.D. (University of Michigan)

Resch, Peter, Lecturer of Finance
(8/8/2015), Ph.D. (University of Ramon Llull)

Rex, Matthew, Associate Lecturer of Chemistry
(12/22/2010), Ph.D. (University of Central Florida)

Reyes, Maria, Associate Professor of School of Teacher Education
(8/8/1997), Ph.D. (University of Florida)

Reyes-Foster, Beatriz, Assistant Professor of Anthropology
(8/8/2011), Ph.D. (University of California Berkeley)

Reynolds, Teddy, Lecturer of School of Politics, Security, and International Affairs
(8/8/2016), Ph.D. (University of St. Andrews)

Reynolds, Shane, Associate In of Institute For Sim And Train
(9/22/2008), B.A. (University of Central Florida)

Reynoso, Paula, Associate Lecturer of Psychology
(8/8/2003), Ph.D. (University of California, Irvine)

Ricci, Susan, Instructor of Nursing
(12/21/2005), M.Ed. (University S Mississippi)

Rice, Stephanie, Associate Instructor of Nicholson School of Communication and Media
(8/8/2005), M.A. (Vermont College of Norwich University)

Richards, Jessica, Instructor of Tourism Events & Attractions
(8/8/2013), M.A. (Rollins College-Hamilton Holt)

Richardson, Adele, Associate Instructor of Writing & Rhetoric
(5/15/2009), M.A. (University of Central Florida)

Richardson, David, Associate in Instrumentation of Chemistry
(10/1/2010), Ph.D. (University of Florida)

Richardson, Kathleen, Professor of Optics and Photonics
(10/30/1992), Ph.D. (Alfred University)

Richardson, Gary, Professor of Mathematics
(8/3/1984), Ph.D. (N. Carolina State University)

Richardson, Martin, Professor of Optics and Photonics
(4/1/1990), Ph.D. (University of London)

Richardson, Randi, Assistant Professor of School of Kinesiology and Physical Therapy
(9/11/2020), D.P.T. (The University of Mississippi Medical Center)

Ridderstaat, Jorge, Assistant Professor of Hospitality Management Services
(8/8/2016), Ph.D. (Vrije University Amsterdam)

Ringfield, Melissa, Instructor of Writing & Rhetoric
(8/8/2007), M.A. (University of Central Florida)

Ritzert, Lindsey, Assistant Librarian of University Libraries
(3/13/2015), MMM (Kent State University)

Rivera, Fernando, Associate Professor of Sociology
(6/22/2005), Ph.D. (University of Nebraska-Lincoln)

Rivera, Manuel, Assistant Professor of Food Svc & Lodge Management

(8/8/2011), Ph.D. (University of Central Florida)

Rivers, Robert, Professor of School Of Visual Arts & Design
(8/25/1981), M.F.A. (University of GA)

Ro, Sun, Assistant Professor of School Of Performing Arts
(8/8/2011), Ph.D. (University of Utah)

Ro, Hee Jung, Associate Professor of Hospitality Management Services
(8/8/2007), Ph.D. (Pennsylvania State University)

Roach, William, Associate In of Office Of Research Operations
(1/11/1982), B.A. (University of Central Florida)

Robb, Sean, Associate Professor of Accounting
(8/8/2005), Ph.D. (University of Florida)

Roberts, Robin, Professor of Accounting
(6/1/1998), Ph.D. (University of Arkansas)

Roberts, Sherron, Professor of School of Teacher Education
(8/21/1998), Ed.D. (University of Arkansas)

Robertson, Meredith, Instructor of Health Management Information
(8/8/2014), MMM (Georgetown University)

Roche, Iradly, Instructor of Social Work
(10/9/2015), M.S.W (University of Central Florida)

Rockmore, Benjamin, Lecturer of Management
(8/8/2001), Ph.D. (U of GA)

Roda, Christopher, Instructor of FI Interactive Entertainment Academic
(12/23/2014), M.S. (Texas A&M University)

Rodriguez Cruz, Ramon, Professor of Medicine of Com Internal Medicine
(7/6/2015), M.D. (University of Puerto Rico, MSC)

Rogers, Melvin, Associate Instructor of School of Public Administration
(8/21/1996), M.S. (University of Nebraska)

Rohde, Kyle, Assistant Professor Medicine of Col Of Med School Biomed Science Dean
(2/1/2012), Ph.D. (University of Oklahoma)

Rollins, David, Professor of Mathematics
(8/8/1988), Ph.D. (California Institute of Tech.)

Roney, Lisa, Associate Professor of English
(8/8/2003), Ph.D. (Pennsylvania State University)

Roopnarine, Shane, Assistant Librarian of University Libraries
(2/13/2015), M.S. (Florida State University)

Roosen, Kevin, Associate Professor of Writing & Rhetoric
(8/8/2013), Ph.D. (University of Illinois-Urbana Champaign)

Rosa-Lugo, Linda, Associate Professor of Communication Sciences and Disorders
(8/8/1995), Ed.D. (Columbia University)

Rosenthal, Leigh, Lecturer of Accounting
(8/8/2013), LLM (University of Miami)

Ross, Edward, Professor of Medicine of Com Internal Medicine
(7/21/2014), M.D. (Boston University)

Ross, Lee, Professor of Criminal Justice
(8/8/2003), Ph.D. (Rutgers University)

Ross, Debra, Lecturer of Criminal Justice
(1/3/2017), Ph.D. (Rutgers University)

Rotarius, Timothy, Professor of HealthManagement Information
(8/8/1996), Ph.D. (Texas Tech University)

Rothschild, Carey, Assistant Professor of School of Kinesiology and Physical Therapy
(8/8/2009), D.P.T. (Boston University)

Rotolo, John, Research Associate of FI Interactive Entertainment Academic
(7/29/2005), M.B.A. (University of Phoenix)

Rounsaville, Angela, Assistant Professor of Writing & Rhetoric
(8/8/2011), Ph.D. (University of Washington)

Roush, Pamela, Associate Professor of Accounting
(6/21/1989), Ph.D. (GA St U)

Rovito, Michael, Associate Professor of Health Sciences
(8/8/2011), Ph.D. (Temple University)

Roy, Herve, Assistant Professor Medicine of Col Of Med School Biomed Science Dean
(8/1/2011), Ph.D. (University of Strasbourg I)

Roy, Tania, Assistant Professor of Material Science and Engineering
(7/11/2016), Ph.D. (Vanderbilt University)

Rubenking, Bridget, Associate Professor of Nicholson School of Communication and Media
(8/8/2012), Ph.D. (Indiana University)

Rugar, Yael, Assistant Professor of Marketing
(8/8/2014), Ph.D. (Duke University)

Rupert, Jeffrey, Professor of School Of Performing Arts
(8/8/1995), MM (Rutgers University)

Russell, Olga, Instructor of Health Management Information
(1/3/2017), M.S. (University of Central Florida)

Russell, William, Professor of School of Teacher Education
(8/8/2007), Ph.D. (Florida State University)

Sacher, John, Associate Professor of History
(8/8/2006), Ph.D. (Louisiana State University)

Sacleux, Patrick, Lecturer of Modern Languages
(8/8/2016), Ph.D. (University of Montpellier)

Sadiq, Abdul-Akeem, Associate Professor of Public Administration
(2009), Ph.D. (Georgia State University-Georgia Tech)

Sadmani, A H M Anwar, Assistant Professor of Civil Engineering
(8/17/2015), Ph.D. (University of Toronto)

Sadri, Houman, Associate Professor of School of Politics, Security, and International Affairs
(8/8/1995), Ph.D. (University of Virginia)

Safi, Farshid, Assistant Professor of School of Teacher Education
(8/8/2015), Ph.D. (University of Central Florida)

Saha, Haripada, Professor of Physics
(8/8/1987), Ph.D. (University of Calcutta)

Saint Benoit, Tracy, Research Associate of College of Community Innovation and Education
(12/29/2006), M.A. (University Of London)

Saitta, Erin, Lecturer of Chemistry
(2/18/2011), Ph.D. (University of Central Florida)

Sakthivel, Tamil Selvan, Research Associate of Ampac Materials Center
(4/6/2012), Ph.D. (Anna University)

Salazar, Sergio, Assistant Professor Medicine of Com Internal Medicine
(9/26/2011), M.D. (American University of the Caribbean)

Saleh, Suha, Associate Professor of Health Sciences
(8/8/2010), Ph.D. (Kansas State University)

Saleh, Bahaa, Professor of Optics and Photonics
(1/1/2009), Ph.D. (Johns Hopkins University)

Salter, Anastasia, Assistant Professor of College Of Arts And Hum Dean
(8/8/2014), D.C.D. (University of Baltimore)

Salter, Ashley, Asst Instructional Designer of Vice Provost For Info Off
(11/4/2016), M.A. (University of Central Florida)

Salvendy, Gavriel, Professor of Industrial Engineering And Management Sys
(8/8/2016), Ph.D. (University of Birmingham)

Samsam, Mohtashem, Associate Professor Medicine of Col Of Med School Biomed Science Dean
(8/8/2004), Ph.D. (University of Salamanca)

Sand, Erik, Research Associate of FI Interactive Entertainment Academic
(8/8/2016), M.S. (Rensselaer Polytechnic Institute)

Sandler, Barry, Associate Professor of Nicholson School of Communication and Media
(12/20/2002), M.F.A. (University of California Los Angeles)

Sandoval, Jennifer, Associate Professor of Nicholson School of Communication and Media
(8/8/2011), Ph.D. (University of New Mexico)

Santana, Maria, Associate Professor of College Of Arts And Hum Dean
(8/8/1995), Ph.D. (Temple University)

Santiago, Luis, Associate Professor of Public Administration
(1999), Ph.D. (Cornell University)

Santra, Swadeshmukul, Associate Professor of Nanoscience Tech Center Operations
(8/8/2005), Ph.D. (Indian Institute of Technology)

Sarid, Gal, Associate In of Florida Space Institute
(10/1/2014), Ph.D. (Tel-Aviv University)

Saunders, William, Associate Lecturer of Psychology
(8/8/2007), Ph.D. (Argosy University)

Savage, Anna, Assistant Professor of Biological Sciences
(12/22/2014), Ph.D. (Cornell University)

Sawyer, Benjamin, Assistant Professor of Industrial Engineering and Mgt Sys
(12/18/2015), Ph.D. (University of Central Florida)

Scammon, Kirk, Assistant In of Ampac Materials Center
(1/5/2001), M.A. (University of Central Florida)

Schafer, Mark, Professor of School of Politics, Security, and International Affairs
(8/8/2011), Ph.D. (Arizona State University)

Scharf, Margaret, Faculty Administrator of University Libraries
(3/27/1981), M.A. (University of Cent Florida)

Scharron, Eladio, Associate Professor of School Of Performing Arts
(8/8/1998), DM.A. (University of Rochester)

Schell, John, Professor of University President
(8/8/1987), Ph.D. (Vanderbilt University)

Schellhase, Kristen, Associate Lecturer of School of Kinesiology and Physical Therapy
(9/8/1999), Ed.D. (University of Central Florida)

Schelling, Patrick, Associate Professor of Ampac Materials Center
(8/8/2003), Ph.D. (University of Minnesota)

Schippert, Claudia, Associate Professor of Undergrad Study Interdiscip Studies
(8/21/2001), Ph.D. (Temple University)

Schleith, Susan, Faculty Administrator of Florida Solar Energy Center
(6/11/1993), B.A. (George Mason U)

Schmidbauer, Eric, Assistant Professor of Economics
(7/1/2014), Ph.D. (Indiana University)

Schmidt, Joseph, Assistant Professor of Psychology
(8/8/2015), Ph.D. (State University of New York at Stony Brook)

Schminke, Marshall, Professor of Management
(8/8/1999), Ph.D. (Carnegie Mellon University)

Schneider, Kimberly, Faculty Administrator of Undergraduate Studies
(8/8/2007), Ph.D. (University of South Carolina)

Schober, Constance, Professor of Mathematics
(8/8/2002), Ph.D. (University of Arizona)

Schoenfeld, Winston, Associate Professor of Florida Solar Energy Center
(5/10/2004), Ph.D. (University of California Barb.)

Schoonmaker, Aimee, Lecturer of Modern Languages
(8/18/2015), Ph.D. (University of Central Florida)

Schulte, Alfons, Professor of Physics
(8/8/1990), Ph.D. (Technical University of Munich)

Schultz, John, Associate Professor of Anthropology; National Center for Forensic Science
(8/8/2003), Ph.D. (University of Florida)

Schulzgen, Axel, Professor of Optics and Photonics
(8/8/2009), Ph.D. (WES)

Schwartz, Jamie, Associate Professor Emeritus of Communicative Disorders
(8/8/1999), Ph.D. (University of Florida)

Schwartz, Brett, Instructor of Writing & Rhetoric
(8/8/2016), M.A. (University of Central Florida)

Scott, Janice, Lecturer of Legal Studies
(8/8/2003), J.D. (Barry University)

Scott, John, Professor of Writing & Rhetoric
(8/8/2002), Ph.D. (Pennsylvania State University)

Scott, Andrea, Lecturer of Nicholson School of Communication and Media
(8/8/2002), Ph.D. (Louisiana State University)

Scott, Hubert, Associate Professor of School Of Performing Arts
(8/8/2003), M.F.A. (University North Carolina-Greensboro)

Scrogin, David, Associate Professor of Economics
(8/8/2000), Ph.D. (University of New Mexico)

Seal, Sudipta, Professor of Material Science and Engineering
(8/8/1997), Ph.D. (University of Wisconsin)

Seigler, Daniel, Lecturer of Public Administration
(1/3/2000), Ph.D. (University of Central Florida)

Seigneur, Hubert, Associate In of Florida Solar Energy Center
(7/8/2011), Ph.D. (University of Central Florida)

Seilhamer, Ryan, Asoc Instructional Designer of Vice Provost For Info Off
(1/3/2003), M.A. (University of Central Florida)

Self, William, Associate Professor Medicine of Col Of Med School Biomed Science Dean
(8/8/2003), Ph.D. (University of Florida)

Sellnow, Deanna, Professor of Nicholson School of Communication and Media
(8/8/2015), Ph.D. (University of North Dakota)

Sellnow, Timothy, Professor of Nicholson School of Communication and Media
(8/8/2015), Ph.D. (Wayne State University)

Seltzer, Robert, Instructor of Food Svc & Lodge Management

(6/17/2016), M.Ed. (American InterContinental University)

Semones, Meredith, Associate Librarian of University Libraries
(6/3/1994), M.S. (University of Maryland)

Semrad, Kelly, Assistant Professor of Tourism Events & Attractions
(8/8/2013), Ph.D. (University of Central Florida)

Seney, Erin, Assistant Scholar/Scientist of Biological Sciences
(2/16/2015), Ph.D. (Texas A&M University)

Serge, Stephen, Associate In of Institute For Sim And Train
(1/30/2015), Ph.D. (University of Central Florida)

Seun, Wen, Lecturer of FI Interactive Entertainment Academic
(8/24/2015), M.F.A. (Ohio State University)

Severt, Denver, Associate Professor of Hospitality Management Services
(8/8/2003), Ph.D. (Virginia Tech)

Shafer, John, Associate Professor of School Of Performing Arts
(8/8/2002), M.F.A. (Rutgers University)

Shah, Mubarak, Professor of Computer Science
(8/8/1986), Ph.D. (Wayne State University)

Shapoval, Valeriya, Assistant Professor of Hospitality Management Services
(8/8/2016), Ph.D. (University of Central Florida)

Sharanowski, Barbara, Associate Professor of Biological Sciences; National Center for Forensic Science
(12/23/2015), Ph.D. (University of Kentucky)

Shbeeb, Gideon, Instructor of Nicholson School of Communication and Media
(8/16/2013), MMM (Southern Methodist University)

Sherod, Megan, Associate Professor of Psychology
(1/15/2016), Ph.D. (University of Florida)

Sherwin, John, Program Director of Florida Solar Energy Center
(4/28/1989), B.S. (University of Central Florida)

Shillingford-Butler, Margaret, Associate Professor of Counselor Education and School Psychology
(8/8/2015), Ph.D. (University of Central Florida)

Shivamoggi, Bhimsen, Professor of Mathematics
(8/9/1985), Ph.D. (University of Colorado-Boulder)

Short, Jennifer, Instructor of Writing & Rhetoric
(8/8/2014), M.A. (University of Central Florida)

Shoss, Mindy, Associate Professor of Psychology
(12/23/2015), Ph.D. (University of Houston)

Showalter, Keith, Assistant In of Florida Solar Energy Center
(4/10/2009), B.S. (Florida International University)

Shrauger, Kristine, Associate Librarian of University Libraries
(1/12/2004), M.A. (University of Wisconsin)

Shrubsole, Nicholas, Lecturer of Philosophy
(8/8/2015), Ph.D. (University of Waterloo)

Shuai, Zhisheng, Associate Professor of Mathematics
(8/8/2012), Ph.D. (University of Alberta)

Shults, Katherine, Lecturer of School Of Visual Arts & Design
(8/8/2013), M.F.A. (University of Central Florida)

Shumaker, Randall, Professor of Institute For Sim And Train
(3/4/2002), Ph.D. (U of Pennsylvania)

Siddiqi, Shadab, Associate Professor Medicine of Col Of Med School Biomed Science Dean
(7/20/2009), Ph.D. (University of Lucknow)

Siegfried, Judi, Associate Lecturer of School Of Performing Arts
(8/8/2004), M.F.A. (Texas Christian University)

Sigman, Michael, Professor of Chemistry; Director of National Center for Forensic Science
(9/2/2002), Ph.D. (Florida State University)

Sikorska, Elzbieta, Associate Professor of Sociology
(8/8/2002), Ph.D. (U of Maryland Baltimore)

Siler, Robert, Assistant Professor of School of Performing Arts
(8/8/2019), M.F.A. (University of Maryland)

Simaan, Marwan, Professor of Electrical Engineering
(12/21/2007), Ph.D. (University of Illinois)

Simms-Cendan, Judith, Associate Professor Medicine of Com Clinical Science
(7/30/2010), M.D. (University of Florida)

Sims, Valerie, Associate Professor of Psychology
(8/8/1998), Ph.D. (University of CA)

Sinelli, Peter, Associate Lecturer of Anthropology
(8/8/2006), Ph.D. (University of Florida)

Singer, Sarah, Assistant Professor of English
(8/8/2019), Ph.D. (The University of North Carolina at Chapel Hill)

Singh, Ajai, Professor of Finance
(6/25/2015), Ph.D. (University of Iowa)

Singh, Arvind, Assistant Professor of Civil Engineering
(8/8/2014), Ph.D. (University of Minnesota)

Singh, Dipendra, Assistant Professor of Hospitality Management Services
(8/14/2011), Ph.D. (University of Nevada)

Singla, Dinender, Professor of Medicine of Col Of Med School Biomed Science Dean
(7/2/2007), Ph.D. (Postgraduate Institute Of Med Ed)

Sirigampola, Shehan, Assistant In of Institute For Sim And Train
(6/5/2015), B.S. (University of Central Florida)

Sivaraman, Vaidynathan, Assistant Professor of Mathematics
(1/5/2018), Ph.D. (Ohio State University)

Sivo, Stephen, Professor of Learning Sciences and Educational Research
(8/8/2000), Ph.D. (Texas A&M University)

Slaughter, David, Assistant Professor of Legal Studies
(9/15/1978), J.D. (Florida State University)

Smith, Verner, Associate Instructor of Accounting
(8/21/1998), M.B.A. (Loyola College)

Smith, Kevin, Lecturer of Nicholson School of Communication and Media
(8/8/2015), M.F.A. (University of Miami)

Smith, Andrew, Instructor of Writing & Rhetoric
(8/8/2016), M.A. (University of Central Florida)

Smith, Geri, Professor of Modern Languages
(8/8/2016), Ph.D. (University of Pennsylvania)

Smith, Jason, Faculty Administrator of Undergrad Study Experience Lrng
(7/1/2016), Ph.D. (West Virginia University)

Smith, Alisa, Associate Professor of Legal Studies
(7/1/2016), J.D. (Florida State University)

Smith, Peter, Assistant Professor of Nicholson School of Communication and Media
(11/22/2006), Ph.D. (University of Central Florida)

Smith, Christopher, Assistant Professor Medicine of Com Internal Medicine
(6/5/2015), M.D. (University of Florida)

Smith, Eileen, Research Associate of Institute For Sim And Train
(7/18/2003), M.A. (U of Louisville)

Smither, Janan, Professor of Psychology
(8/8/1990), Ph.D. (Johns Hopkins University)

Snaith, Sean, Faculty Administrator of Inst For Econ Competitiveness
(8/21/2006), Ph.D. (Pennsylvania State)

Snyder, Amanda, Lecturer of History
(8/8/2015), Ph.D. (Florida International University)

Snyder, Tara, Assistant Professor of School Of Performing Arts
(8/8/2011), M.F.A. (University of Central Florida)

Sohn, Yongho, Professor of Materials Science And Engineering
(1/1/2001), Ph.D. (Purdue University)

Sohns, Olivia, Assistant Professor of History
(8/8/2016), Ph.D. (University of Cambridge)

Soileau, Marion, Professor of Optics and Photonics
(12/12/1986), Ph.D. (U of Southern California)

Sole, Mary, Professor of Nursing
(8/8/1991), Ph.D. (University of Texas at Austin)

Solonari, Vladimir, Associate Professor of History
(8/8/2003), Ph.D. (Moscow State University)

Sommers, Ephraim, Lecturer of English
(8/8/2016), Ph.D. (Western Michigan University)

Song, Sang-Eun, Associate Professor of Mechanical and Aerospace Engineering
(8/8/2015), Ph.D. (Imperial College)

Song, Zixia, Associate Professor of Mathematics
(8/8/2005), Ph.D. (Georgia Institute of Technology)

Sonmez, Sevil, Professor of Tourism Events & Attractions
(8/8/2015), Ph.D. (Pennsylvania State University)

Sonne, Jeffrey, Research Associate of Florida Solar Energy Center
(1/9/1991), B.A. (Wheaton College)

Sotero, Walter, Associate Lecturer of Biological Sciences
(8/8/2001), Ph.D. (Indiana University)

Soulakova, Julia, Associate Professor Medicine of Col Of Med School Biomed Science Dean
(8/19/2016), Ph.D. (University of Pittsburgh)

Sousa, Sandra, Assistant Professor of Modern Languages
(8/8/2015), Ph.D. (Brown University)

Southwell, Amber, Assistant Professor Medicine of Col Of Med School Biomed Science Dean
(1/1/2017), Ph.D. (California Institute of Technology)

Speere, Lance, Instructor of Nicholson School of Communication and Media
(8/24/2009), M.S. (Kansas State University)

Spence, Patric, Instructor of Nicholson School of Communication and Media
(8/24/2009), MS (Kansas State University)

Spencer, Steven, Associate Lecturer of School Of Visual Arts & Design
(3/2/2001), M.F.A. (Louisiana State University)

Spina, Maria, Associate Instructor of Modern Languages
(8/13/2002), M.A. (University of Genoa)

Spinale, Christopher, Instructional Specialist of Lou Frey Institute
(9/23/2016), Ed.S. (University of Central Florida)

Spyers-Duran, Peter, Associate Librarian of University Libraries
(8/8/1996), M.A. (University of South Florida)

Stack, Allison, Instructor of Writing & Rhetoric
(12/22/2010), M.A. (University of Florida)

Stanfill, Melissa, Assistant Professor of English
(8/8/2016), Ph.D. (University of Illinois: Urbana-Champaign)

Stanley, Doris, Instructor of Sociology
(8/8/2018), MA (University of Central Florida)

Stanley, Kenneth, Associate Professor of Computer Science
(12/21/2005), Ph.D. (University of Texas)

Stanlick, Nancy, Professor of College Of Arts And Hum Dean
(8/8/1999), Ph.D. (University of South Florida)

Starbuck, John, Assistant Professor of Anthropology
(8/8/2015), Ph.D. (Pennsylvania State University)

StClaire, Sybil, Associate Lecturer of School Of Performing Arts
(1/6/2003), M.A. (Antioch University McGregor)

Steen, Julie, Associate Professor of Social Work
(8/8/2008), Ph.D. (Florida State University)

Steiger, William, Instructor of Marketing
(5/8/2011), M.B.A. (University of Central Florida)

Steiner, Mark, Professor of Mechanical and Aerospace Engineering
(12/23/2015), Ph.D. (Rensselaer Polytech. Inst.)

Stephens, Daniel, Instructor of Public Administration
(1/7/2013), MPA (University of Central Florida)

Stephens, Sonia, Assistant Professor of English
(8/16/2013), Ph.D. (University of Central Florida)

Stephenson, Joanne, Associate Professor of School Of Performing Arts
(8/8/1994), DM.A. (University of Illinois Urbana-Champ.)

Stevens, Kelly, Assistant Professor of Public Administration
(2017), Ph.D. (Syracuse University)

Steward, Robert, Assistant Professor of Mechanical and Aerospace Engineering
(1/9/2015), Ph.D. (Carnegie Mellon University)

Stewart, James, Associate Professor of Social Work
(8/8/2015), Ph.D. (Florida State University)

Stewart, Martha, Professor of School of Teacher Education
(8/8/1989), Ph.D. (University of Florida)

Stillman, June S., Professor of School of Teacher Education
(8/8/1989), B.A.L.S., M.A., M.A. (University of Central Florida)

Stock, Matthew, University Librarian
(1968), Ph.D. (University of Oklahoma)

Stock, Matthew, Associate Professor of Kinesiology and Physical Therapy
(6/22/2016), Ph.D. (University of Oklahoma)

Stock, Axel, Associate Professor of Marketing
(8/8/2003), Ph.D. (Purdue University)

Stoeckl, Ula, Associate Professor of Nicholson School of Communication and Media
(8/8/2002), M.F.A. (College of Design, Ulm)

Stolbov, Sergey, Associate Professor of Physics
(9/8/2006), Ph.D. (Rostov State University)

Stone, Chelsea, Instructor of Writing & Rhetoric
(8/8/2016), M.A. (University of Central Florida)

Stout, Jeffrey, Professor of School of Kinesiology and Physical Therapy
(1/6/2012), Ph.D. (University of Nebraska)

Strawser, Michael, Associate Professor of Philosophy
(8/8/2002), Ph.D. (Florida State University)

Stresau, Kurt, Instructor of Mechanical and Aerospace Engineering
(8/8/2015), M.S. (University of Florida)

Strutt, Tara, Assistant Professor Medicine of Col Of Med School Biomed Science Dean
(9/1/2015), Ph.D. (University of Saskatchewan)

Stubbs, Jack, Research Associate of Institute For Sim And Train
(10/9/2015), B.S. (Miami University)

Stull, Corrinne, Asst Instructional Designer of Vice Provost For Info Off
(9/25/2015), M.A. (University of Central Florida)

STURGEON, SANDRA, Instructor of Nursing
(1/8/2018), MSN (University of Central Florida)

Sturm, Ray, Associate Lecturer of Finance
(8/14/2000), Ph.D. (Florida Atlantic University)

Su, Le-Chu, Associate Professor Medicine of Com Internal Medicine
(11/16/2015), M.D. (Case Western Reserve University)

Su, Shiyang, Assistant Professor of Psychology
(8/21/2017), Ph.D. (University of Minnesota)

Suboh, Suboh, Lecturer of Electrical Engineering
(1/2/2013), Ph.D. (George Washington University)

Suchora, Kathleen, Instructor of Statistics and Data Science
(8/8/2001), M.S. (University of Central Florida)

Sugaya, Kiminobu, Professor of Medicine of Col Of Med School Biomed Science Dean
(5/1/2004), Ph.D. (Science University of Tokyo)

Sukhov, Sergey, Assistant Scholar/ Scientist of Optics and Photonics
(11/25/2011), Ph.D. (Ulyanovsk State University)

Sukthankar, Gita, Associate Professor of Computer Science
(8/8/2007), Ph.D. (Carnegie Mellon University)

Sullivan, Berry, Research Associate of Office Of Research Operations
(11/16/2007), M.B.A. (Vanderbilt University)

Sun, Qiyu, Professor of Mathematics
(8/8/2003), Ph.D. (Zhejiang University)

Sun, Wei, Assistant Professor of Electrical Engineering
(8/8/2015), Ph.D. (Iowa State University)

Sundaram, Kalpathy, Professor of Electrical Engineering
(4/17/1987), Ph.D. (Indian Institute of Tech Bombay)

Sung, Stella, Professor of College Of Arts And Hum Dean
(8/8/1987), Ph.D. (University of Texas)

Surette, Raymond, Professor of Criminal Justice
(8/8/1995), Ph.D. (Florida State University)

Susalka, Stephen, Faculty Administrator of Office Of Research Operations
(1/23/2015), Ph.D. (University of Virginia)

Sutherland, Karen, Assistant In of Florida Solar Energy Center
(8/8/2011), M.B.A. (University of Alaska-Anchorage)

Sutton, Steven, Professor of Accounting
(8/8/2005), Ph.D. (University of Missouri)

Swami, Muthusamy, Program Dir of Florida Solar Energy Center
(1/23/1987), Ph.D. (Florida Institute of Technology.)

Swanson, Sona, Lecturer of Mathematics
(8/16/2013), Ph.D. (University of Washington)

Swanson, Jason, Associate Professor of Mathematics
(8/8/2007), Ph.D. (University of Washington)

Swenson, Nancy, Asoc Instructional Designer of Vice Provost For Info Off
(8/25/2000), M.A. (University of Central Florida)

Sypolt, Terrie, Associate Librarian of University Libraries
(4/9/2001), M.S. (U of Pittsburgh)

Szalma, James, Associate Professor of Psychology
(5/31/2002), Ph.D. (U of Cincinnati)

Szente, Judit, Associate Professor of School of Teacher Education
(8/8/2005), Ph.D. (State University of New York at Buffalo)

Szumanski, Sean, Lecturer of Computer Science
(8/8/2013), Ph.D. (University of Central Florida)

Tafaghodijami, Ataollah, Assistant Professor of Marketing
(8/8/2012), Ph.D. (University of Utah)

Talbert, Steven, Clinical Assistant Professor of Nursing
(1/12/2007), Ph.D. (University of Kentucky)

Taliaferro, Lindsay, Assistant Professor Medicine of Com Internal Medicine
(7/1/2016), Ph.D. (University of Florida)

Tamasan, Alexandru, Professor of Mathematics
(8/8/2005), Ph.D. (University of Washington)

Tamberelli, Frank, Instructor of Integrated Business
(8/19/2015), Ed.D. (Wingate University)

Tan, Huaixiang, Professor of School Of Performing Arts
(8/8/1997), M.F.A. (Utah State University)

Tanner, Stacy, Lecturer of Philosophy
(8/8/2014), Ph.D. (Florida State University)

Tartt, Kacie, Associate Instructor of Modern Languages
(9/8/2006), M.A. (Florida State University)

Tasci, Asli, Assistant Professor of Tourism Events & Attractions
(8/8/2013), Ph.D. (Michigan State University)

Tatari, Mehmet, Associate Professor of Civil Engineering
(8/8/2011), Ph.D. (University of Maryland)

Tatulian, Suren, Professor of Physics
(8/8/2001), Ph.D. (Commission of Council of Min.)

Taub, Gordon, Associate Professor of Counselor Education and School Psychology
(8/8/1999), Ph.D. (University of Florida)

Taylor, Jennifer, Lecturer of Writing & Rhetoric
(6/16/2008), Ph.D. (Tulane University)

Taylor, Shannon, Associate Professor of Management
(8/8/2012), Ph.D. (Louisiana State University)

Taylor, Dalena, Associate Professor of Counselor Education and School Psychology
(8/8/2013), Ph.D. (University of North Texas)

Teixeira, Eduardo, Professor of Mathematics
(1/1/2017), Ph.D. (University of Texas-Austin)

Teixeira, Katiuscia, Assistant Professor of Mathematics
(1/1/2017), Ph.D. (Federal University of Ceara)

Telep, Peter, Associate Instructor of English
(8/8/1998), M.A. (University of Central Florida)

Teo, Grace, Research Associate of Institute For Sim And Train
(4/8/2016), Ph.D. (University of Central Florida)

Terry, Michael, Associate Instructor of Food Svc & Lodge Management
(8/8/2006), M.B.A. (Southern Illinois University)

Tetard, Laurene, Assistant Professor of Nanoscience Tech Center Operations
(8/8/2013), Ph.D. (University of TN Knoxville)

Teter, Kenneth, Associate Professor Medicine of Col Of Med School Biomed Science Dean
(5/1/2004), Ph.D. (University of California)

Tezcur, Gunes, Professor of School of Politics, Security, and International Affairs
(8/8/2015), Ph.D. (University of Michigan)

Thaxton, Terry, Professor of English
(8/8/2000), M.F.A. (Norwich University)

Theen, Terrell, Instructor of Nicholson School of Communication and Media
(8/8/2006), M.S. (Indiana University)

Theriot, Matthew, Professor, School of Social Work
(8/8/2021); Ph.D. (University of California, Berkeley)

Thiamwong, Ladda, Assistant Professor of Nursing
(8/8/2016), Ph.D. (Mahidol University)

Thomas, Amy, Instructor of Communication Sciences and Disorders
(5/5/2005), M.A. (University of Central Florida)

Thomas, Pamela, Instructor of Biological Sciences
(8/14/2000), M.S. (University of Central Florida)

Thomas, Jayan, Associate Professor of Material Science and Engineering
(7/1/2011), Ph.D. (Cochin University of Science & Technology)

Thompson, Brenda, Faculty Administrator of Child Family And Community Services
(7/3/2006), Ed.D. (Virginia Tech)

Thompson, Kelvin, Faculty Administrator of Vice Provost For Info Off
(8/8/1998), Ed.D. (University of Central Florida)

Thornton, Robert, Associate Instructor of School Of Performing Arts
(12/21/2002), MM (Indiana University)

Tian, Yu, Assistant Professor of Accounting
(7/1/2011), Ph.D. (University of South Carolina)

Tian, Tian, Associate Lecturer of Mechanical and Aerospace Engineering
(1/22/2013), Ph.D. (University of Nebraska-Lincoln)

Tierney, Barbara, Librarian of University Libraries
(1/4/2013), MLS (University of Michigan Ann Arbor)

Tigno-Aranjuez, Justine, Assistant Professor Medicine of Col Of Med School Biomed Science Dean

(8/8/2015), Ph.D. (Case Western Reserve University)

Tiwari, Rajanee, Lecturer of Nursing
(1/8/2018), DNP (Florida Atlantic University)

Thiamwong, Ladda, Assistant Professor of Nursing
(8/8/2016), PhD (Mahidol University)

Todd, Andrew, Assistant Librarian of University Libraries
(12/20/2004), M.A. (University of South Florida)

Tojo, Jessica, Asst Instructional Designer of Vice Provost For Info Off
(11/4/2016), M.A. (University of Central Florida)

Tollefson, Kristina, Associate Professor of School Of Performing Arts
(8/8/2000), M.F.A. (Purdue University)

Ton, Steven, Instructor of Health Management Information
(12/23/2014), M.S. (University of Central Florida)

Tong, Min, Assistant Librarian of Regional Campuses
(6/1/2007), M.A. (University of British Columbia)

Topping, Daniel, Assistant Professor Medicine of Com Medical Education
(8/30/2013), M.D. (University of Florida)

Torres, Christina, Instructor of Modern Languages
(12/23/2015), M.A. (University of Central Florida)

Torres Areizaga, Edwin, Assistant Professor of Hospitality Management Services
(8/8/2012), Ph.D. (Purdue University)

Tovbis, Alexander, Professor of Mathematics
(8/8/1996), Ph.D. (Voronezh State University)

Towne, Samuel, Assistant Professor of Health Management Information
(2013), Ph.D. (University of South Carolina)

Towson, Jacqueline, Assistant Professor of Communication Sciences and Disorders
(8/8/2015), Ph.D. (Georgia State University)

Toyne, Jennifer Marla, Associate Professor of Anthropology
(8/8/2011), Ph.D. (Tulane University)

Trainor, Kyle, Assistant Professor of Mathematics
(12/21/2018), MS (University of Central Florida)

Trenta, Shane, Lecturer of School of Teacher Education
(8/8/2012), M.A. (University of Central Florida)

Trimble Spalding, Lee-Anne, Associate Lecturer of School of Teacher Education
(8/8/2004), Ed.D. (University of Central Florida)

Trinquet Du Lys, Charlotte, Associate Professor of Modern Languages
(8/8/2005), Ph.D. (University of North Carolina)

Trompeter, Gregory, Professor of Accounting
(8/8/2008), Ph.D. (University Wisconsin-Madison)

Tucker, Jennifer, Assistant Professor of School of Kinesiology and Physical Therapy
(8/8/2008), D.P.T. (University of Alabama)

Turcu, Anca, Associate Lecturer of School of Politics, Security, and International Affairs
(8/16/2010), Ph.D. (University of Texas Dallas)

Turgut, Damla, Associate Professor of Computer Science
(8/8/2002), Ph.D. (University of Texas at Arlington)

Turkowski, Volodymyr, Assistant Professor of Physics
(7/1/2008), Ph.D. (Highest Attestation Commission)

Turnage, Dawn, Lecturer of Nursing
(8/8/2013), DNP (University of Central Florida)

Turnbull, Geoffrey, Professor of Finance
(12/22/2010), Ph.D. (University of Wisconsin)

Turner, Anna, Instructional Specialist of Academic, Faculty & Int'l Affairs
(8/8/2013), M.A. (University of Central Florida)

Twyford, Denise, Asoc Instructional Designer of Vice Provost For Info Off
(8/8/2007), Ed.D. (Nova Southeastern University)

· **Uddin, Nizam**, Professor of Statistics and Data Science
(8/8/2001), Ph.D. (Old Dominion University)

Underberg-Goode, Natalie, Associate Professor of Nicholson School of Communication and Media
(11/8/2002), Ph.D. (Indiana University)

Underwood-Caputo, Nora, Associate Lecturer of Economics
(8/8/2003), Ph.D. (UC Davis)

Unruh, Lynn, Professor of Health Management Information
(8/8/2000), Ph.D. (University of Notre Dame)

Upvall, Michele, Professor of Nursing
(8/8/2015), Ph.D. (University of Utah)

Uran, Milagro, Instructor of Modern Languages
(8/8/2016), M.A. (University of Central Florida)

Uribe Romo, Fernando, Assistant Professor of Chemistry
(8/8/2013), Ph.D. (University of California)

Uttich, Laurie, Associate Lecturer of English
(5/15/2009), M.F.A. (University of Central Florida)

· **Vaida, Mihai**, Assistant Professor of Physics
(9/23/2016), Ph.D. (Ulm University)

Vaidyanathan, Rajan, Professor of Materials Science And Engineering
(2/1/2001), Ph.D. (MIT)

Vaidyanathan, Pallavoor, Faculty Administrator of Office Of Research Operations
(10/1/1999), ME (University of Florida)

Vajravelu, Rani, Associate Lecturer of Biological Sciences
(8/8/1999), Ph.D. (University of Madras)

Vajravelu, Kuppalapalle, Professor of Mathematics
(8/3/1984), Ph.D. (Indian Institute of Tech Kharagpur)

Valdes, Anna, Associate Lecturer of School of Kinesiology and Physical Therapy
(8/8/2006), Ed.D. (University of Central Florida)

Valdez, Carlos, Lecturer of Integrated Business
(8/8/2010), Ph.D. (Inst. of Tech. -Monterrey)

Valenti, Michael, Assistant Professor of Nursing
(8/8/2016), Ph.D. (New York University)

Valentine, Amandelin, Instructor of English
(8/8/2016), M.A. (University of Central Florida)

Valliyil Thankachan, Sharma, Assistant Professor of Computer Science
(12/7/2016), Ph.D. (Louisiana State University)

Van De Mark, Cheryl, Lecturer of School of Teacher Education
(8/8/2010), Ed.D. (University of Central Florida)

Van Horn, Stacy, Associate Lecturer of Counselor Education and School Psychology
(8/8/2007), Ph.D. (University of Florida)

Van Niekerk, Mathilda, Assistant Professor of Tourism Events & Attractions
(8/8/2012), Ph.D. (North-West University)

Vanryckeghem, Martine, Professor of Communication Sciences and Disorders
(8/26/1994), Ph.D. (Southern IL University at Carbondale)

Varcholik, Paul, Research Associate of FI Interactive Entertainment Academic
(8/8/2009), Ph.D. (University of Central Florida)

Vasquez, Joseph, Associate Lecturer of School of Politics, Security, and International Affairs
(8/8/2011), Ph.D. (University of Notre Dame)

Vasquez, Eleazar, Associate Professor of School of Teacher Education
(8/8/2008), Ph.D. (Utah State University)

Vasu Sumathi, Subith, Associate Professor of Mechanical and Aerospace Engineering
(11/14/2011), Ph.D. (Stanford University)

Vela, Adan, Assistant Professor of Industrial Engineering And Management Sys
(8/8/2016), Ph.D. (Georgia Institute of Technology)

Velissaris, Chris, Associate Lecturer of Physics
(8/22/2006), Ph.D. (University of Rochester)

Venecek, John, Associate Librarian of University Libraries
(1/26/2007), M.S. (University of Illinois)

Verduin, Marcia, Professor of Medicine of Com Student Affairs
(8/31/2007), M.D. (University of Florida)

Verity, Nicole, Instructor Medicine of Col Of Med School Biomed Science Dean
(11/30/2009), M.S. (University of Central Florida)

Viana, Felipe A. C., Assistant Professor of Mechanical and Aerospace Engineering
(12/18/2017), Ph.D. (University of Florida)

Viau, Jeanine, Lecturer of Philosophy
(8/8/2014), Ph.D. (Loyola University Chicago)

Vie, Stephanie, Associate Professor of Writing & Rhetoric
(8/8/2013), Ph.D. (University of Arizona)

Vieira, Robin, Faculty Administrator of Florida Solar Energy Center
(9/19/1983), M.S. (Trinity University)

Viggiano, Charles, Associate Instructor of Integrated Business
(1/24/1997), M.B.A. (University of Central Florida)

Viglione, Jill, Assistant Professor of Criminal Justice
(2015), Ph.D. (George Mason University)

Villegas, Alvaro, Assistant Professor of Modern Languages
(8/8/2014), Ph.D. (Pennsylvania State University)

Vitale, Thomas, Lecturer of Educational Leadership and Higher Education
(8/8/2011), Ed.D. (University of Central Florida)

Vitanova-Haralampiev, Gergana, Associate Professor of Modern Languages
(8/8/2003), Ed.D. (University of Cincinnati)

Vodopyanov, Konstantin, Professor of Optics and Photonics
(1/15/2013), Ph.D. (Lebedev Inst. of Physics)

vonBirgelen, Josette, Instructor of Social Work

(6/14/2019), M.S.W (University of South Carolina)

Vonkalm, Laurence, Associate Professor of Biological Sciences
(12/23/1996), Ph.D. (Monash University)

Vosoughi, Azadeh, Associate Professor of Electrical Engineering
(8/8/2012), Ph.D. (Cornell University)

Voss, Kimberly, Associate Professor of Nicholson School of Communication and Media
(8/8/2008), Ph.D. (University of Maryland)

Waesche, Jessica, Lecturer of Psychology
(8/8/2013), Ph.D. (Florida State University)

Wahid, Parveen, Professor of Electrical Engineering
(8/3/1984), Ph.D. (Indian Institute of Science)

Wahl, Thomas, Assistant Professor of Civil Engineering
(1/11/2017), Ph.D. (University of Siegen)

Walden, Amanda, Associate Lecturer of Health Management Information
(8/8/2012), M.S. (University of Central Florida)

Walker, Ezekiel, Associate Professor of History
(8/8/1998), Ph.D. (Michigan State University)

Walker, John, Associate Professor of Anthropology
(8/8/2006), Ph.D. (University of Pennsylvania)

Walker, Lynn, W., University Librarian
(1966) B.A., M.A. (Florida State University)

Wallace, Dana, Assistant Professor of Accounting
(8/8/2013), Ph.D. (Florida State University)

Waller, Tara-Ann, Instructor of Pe Eli
(8/8/2016), M.A. (New York University)

Walters, Cynthia, Associate Instructor of School of Teacher Education
(8/8/2007), M.A.T (Aquina College)

Walters, Linda, Professor of Biological Sciences
(12/23/1996), Ph.D. (University of South Carolina)

Walters, Joseph, Program Dir of Florida Solar Energy Center
(9/22/2008), B.S. (Rochester Institute)

Walters, Lori, Assistant Professor of Institute For Sim And Train
(8/8/2002), Ph.D. (Florida State University)

Walton, Deedra, Medical Associate Librarian of Com Plng & Knowledge Management
(1/20/2009), MLS (Texas Women's University)

Wan, Thomas, Professor of Health Management Information
(8/8/2003), Ph.D. (University of Georgia)

Wang, Youcheng, Professor of Hospitality Management Dean
(8/20/2003), Ph.D. (University of Ill at Urbana)

Wang, Wei, Assistant Professor of Psychology
(8/8/2013), Ph.D. (University of IL at Urbana-Champaign)

Wang, Dingbao, Associate Professor of Civil Engineering
(8/18/2010), Ph.D. (University of Illinois at Urbana)

Wang, Tang, Assistant Professor of Management
(12/23/2014), Ph.D. (University of Missouri)

Wang, Xiaochuan, Assistant Professor of Social Work
(8/8/18), Ph.D. (University of Georgia)

Wang, Ze, Assistant Professor of Marketing
(8/8/2010), Ph.D. (University of Kansas)

Wang, Chung-Ching, Professor of Statistics and Data Science
(8/8/1991), Ph.D. (Iowa State University)

Wang, Jun, Professor of Electrical Engineering
(8/8/2006), Ph.D. (University of Cincinnati)

Wang, Qinghai, Professor of Finance
(6/17/2016), Ph.D. (Ohio State University)

Wang, Liqiang, Associate Professor of Electrical Engineering Computer Science
(8/8/2015), Ph.D. (State University of New York at Stony Brook)

Wang, Yingying, Research Associate of Mechanical and Aerospace Engineering
(1/7/2015), Ph.D. (Rensselaer Polytechnic Institute.)

Wansbury, Timothy, Research Associate of Institute For Sim And Train
(8/18/2003), M.B.A. (Syracuse University)

Warfield, Scott, Associate Professor of School Of Performing Arts
(8/8/2002), Ph.D. (University of North Carolina)

Waring, Scott, Professor of School of Teacher Education
(8/8/2005), Ph.D. (University of Virginia)

Warshawsky, Nora, Professor of Nursing
(8/8/2018), PhD (University of North Carolina, Chapel Hill)

Washick, Richard, Instructor of Integrated Business
(12/21/2016), M.A.AE (University of Central Florida)

Watkins, R., Associate Professor of Criminal Justice
(8/8/1998), Ph.D. (University of Cincinnati)

Watson, Keri, Assistant Professor of School Of Visual Arts & Design
(8/8/2014), Ph.D. (Florida State University)

Watson, Andrew, Assistant In of Institute For Sim And Train
(8/12/2016), B.S. (University of Central Florida)

Weaver, Deborah, Associate Instructor of Writing & Rhetoric
(12/29/2000), M.A. (University of Central Florida)

Weaver, Earl, Associate Professor of School Of Performing Arts
(8/8/2003), M.F.A. (University of California)

Weaver, Ronald, Lecturer of FI Interactive Entertainment Academic
(7/1/2002), MET (Carnegie Mellon University)

Webster, Danielle, Associate Lecturer of Health Sciences
(8/8/2012), Ph.D. (University of Georgia)

Weeks, Arthur, Associate Professor of Electrical Engineering
(6/17/1988), Ph.D. (University of Central Florida)

Weger, Harry, Professor of Nicholson School of Communication and Media
(8/8/2005), Ph.D. (University of Arizona)

Wei, Wei, Assistant Professor of Hospitality Management Services
(8/8/2014), Ph.D. (Purdue University)

Wei, Lei, Associate Professor of Electrical Engineering
(9/3/2001), Ph.D. (University of South Australia)

Weigel, Gregory, Assoc Instructor of Medicine of Col Of Med School Biomed Science Dean
(9/8/2006), M.S. (University of Central Florida)

Weinland, Jeffrey, Lecturer of Hospitality Management Services
(8/8/2014), Ph.D. (Capella University)

Weinstein, David, Assistant Professor Medicine of Com Internal Medicine
(8/10/2015), M.D. (University of Florida)

Weishampel, John, Professor of Graduate Studies Dean
(8/8/1995), Ph.D. (University of Virginia)

Weissberg, Deborah, Instructor of Hospitality Management Services
(8/8/2014), M.S. (University of Central Florida)

Welch, Gregory, Professor of Nursing
(8/8/2011), Ph.D. (University of NC-Chapel Hill)

Wells, Adam, Assistant Professor of School of Kinesiology and Physical Therapy
(8/8/2016), Ph.D. (University of Central Florida)

Welper, Gerrit, Assistant Professor of Mathematics
(8/8/2018), Ph.D. (RWTH-Aachen University)

Wendt, Oliver, Assistant Professor of Communication Sciences and Disorders
(08/04/2006), Ph.D. (Purdue University)

Wenzel, Taylar, Associate Lecturer of School of Teacher Education
(8/8/2008), Ed.D. (University of Central Florida)

Weremchuk, George, Associate Professor of School Of Performing Arts
(8/21/1998), DM.A. (University of Miami)

Wessel, Philip, Associate Instructor of Health Management Information
(8/8/2012), MHA (Baylor University)

West, Lawrence, Associate Professor of Health Management Information
(8/8/1996), Ph.D. (Texas A&M University)

Weyuker, Elaine, Professor of Computer Science
(2/1/2017)

Wharton, Tracy, Associate Professor of Social Work
(8/8/2014), Ph.D. (University of Alabama)

Wheeler, Sandra, Associate Lecturer of Anthropology
(8/8/2010), Ph.D. (University of Western Ontario)

Wheeler, Stephanie, Assistant Professor of Writing & Rhetoric
(8/8/2015), Ph.D. (Texas A&M University)

White, Roseann, Professor of Medicine of Col Of Med School Biomed Science Dean
(9/16/1969), Ph.D. (University of Texas Southwestern Med)

White, Cynthia, Lecturer of School Of Performing Arts
(8/8/2015), M.F.A. (Southern Methodist University)

White, Grace, Associate Lecturer of Psychology
(8/8/2011), Ph.D. (University of Iowa)

White-Jones, Angela, Lecturer of Public Administration
(2016), Ph.D. (University of Central Florida)

Whiting, Steven, Assistant Professor of Management
(12/23/2014), Ph.D. (Indiana University Bloomington)

Whiting, Karin, Instructor of Computer Science
(12/23/2013), M.S. (Bellevue University)

Whittaker, Alan, Professor of Academic Affairs Vp
(8/1/2014), Ph.D. (Purdue University)

Whitten, Shannon, Associate Lecturer of Psychology
(8/8/2003), Ph.D. (University of Memphis)

Whitworth, James, Associate Professor of Social Work
(8/8/2016), Ph.D. (Florida State University)

Whyte, Ann, Associate Professor of Finance
(8/8/1998), Ph.D. (Florida Atlantic University)

Wick, Barry, Faculty Administrator of Institute For Sim And Train
(11/13/1989), M.A. (U of CT)

Wickey, Jessica, Instructor of Tourism Events & Attractions
(5/8/2016), M.S. (University of Central Florida)

Wiegand, Rudolf, Assistant Professor of Institute For Sim And Train
(6/1/2007), Ph.D. (George Madison University)

Wilkinson, Michael, Assistant Professor of School Of Performing Arts
(8/8/2011), DM.A. (Arizona State University)

Wilkinson, Rachel, Instructor of Pe Eli
(9/14/2012), M.A. (University of Central Florida)

Willenberg, Bradley, Assistant Professor Medicine of Com Internal Medicine
(9/8/2014), Ph.D. (University of Florida)

Williams, Natasha, Medical Instructor Librarian of Com Plng & Knowledge Management
(8/19/2011), M.S. (Florida State University)

Williams, Lana, Lecturer of Anthropology
(8/8/2013), Ph.D. (University of Western Ontario)

Williams-Fjeldhe, Karri, Associate Professor of School of Teacher Education
(8/3/1984), Ph.D. (University of Arizona)

Wilson, Bruce, Professor of School of Politics, Security, and International Affairs
(8/8/1996), Ph.D. (Washington University)

Wilson, Jessica, Instructor Medicine of Col Of Med School Biomed Science Dean
(7/1/2015), M.S. (Mississippi State University)

Wilson, Katherine, Instructor of Hospitality Management Dean
(8/8/2012), MMM (University of Houston)

Wilson, William, Research Associate of Florida Solar Energy Center
(9/19/1997), B.A. (University of Central Florida)

Winter, Ross, Assistant Professor of School of Performing Arts
(8/8/2019), DM.A. (Catholic University of America)

Winton, Mark, Associate Lecturer of Criminal Justice
(1/5/2001), Ph.D. (University of Connecticut)

Wisniewski, Pamela, Assistant Professor of Computer Science
(8/8/2015), Ph.D. (University of North Carolina)

Withers, Jacqueline, Associate Instructor of Social Work
(6/30/2006), M.S.W (The Florida State University)

Withers, Charles, Research Associate of Florida Solar Energy Center
(4/26/1990), B.A. (Slippery Rock U PA)

Wixted, David, Instructor of Tourism Events & Attractions
(3/24/2017), M.S. (University of Albany)

Wocjan, Pawel, Associate Professor of Computer Science
(8/8/2006), Ph.D. (University of Karlsruhe)

Wolcott, Amanda, Instructional Specialist of Academic, Faculty & Int'l Affairs
(12/30/2016), M.S. (University of Central Florida)

Wolf, Ross, Associate Dean and Professor of Criminal Justice
(8/8/1999), Ed.D. (University of Central Florida)

Wolf, Cathleen, Research Associate of Nanoscience Tech Center Operations
(8/12/2004), Ph.D. (Clemson University)

Wolford, Boguslaw, Lecturer of School of Teacher Education
(1/12/2007), Ph.D. (University of Toronto)

Wood, Robert, Associate Professor of Legal Studies
(8/8/2003), M.S.L (GSU College of Law)

Wood, Mary, Associate Professor of School Of Performing Arts
(8/8/2003), M.F.A. (University of North Carolina)

Woodill, Sharon, Lecturer of Undergrad Study Interdiscip Studies
(8/8/2016), Ph.D. (Dalhousie University)

Woodward, Deborah, Associate Instructor of Criminal Justice
(8/8/2010), Ed.D. (University of Central Florida)

Workman, Karisa, Associate Instructor of Nicholson School of Communication and Media
(8/8/1999), M.A. (S Nazarene University)

Worrell, Lewis, Instructor of Health Sciences
(11/26/1976), MPH (University of Central Florida)

Worthy, Graham, Professor of Biological Sciences
(8/8/2001), Ph.D. (University of Guelph)

Wray, Christina, Associate Librarian of University Libraries
(3/10/2017)

Wright, Chrysalis, Associate Lecturer of Psychology
(8/8/2011), Ph.D. (Florida International University)

Wright, Jeffrey, Lecturer of Writing & Rhetoric
(8/8/2011), Ph.D. (University of Minnesota)

Wright, Kenicia, Assistant Professor of School of Politics, Security, and International Affairs
(8/8/2018), Ph.D. (University of Houston)

Wu, Dazhong, Assistant Professor of Mechanical and Aerospace Engineering
(5/8/2017), Ph.D. (Georgia Institute of Technology)

Wu, Shintson, Professor of Optics and Photonics
(7/1/2001), Ph.D. (University of Southern California)

Wu, Annie, Associate Professor of Computer Science
(8/8/1999), Ph.D. (University of MI)

Wu, Yi, Assistant Scholar, Scientist, and Engineer of Physics
(1/3/2014), Ph.D. (University of Central Florida)

Wyatt, Mary, Associate Professor of School Of Visual Arts & Design
(12/22/1999), M.F.A. (Florida State University)

Wyatt, Shelly, Asst Instructional Designer of Vice Provost For Info Off
(2/21/1989), Ph.D. (University of Central Florida)

Xia, Xiaohu, Assistant Professor of Chemistry
(5/5/2018), Ph.D. (Xiamen University)

Xia, Xugang, Professor of Medicine of Col Of Med School Biomed Science Dean
(1/9/2017), Ph.D. (Eberhard-Kart University in Tübingen)

Xu, Yunjun, Professor of Mechanical and Aerospace Engineering
(8/8/2008), Ph.D. (University of Florida)

Xu, Lihua, Lecturer of Educational & Human Sciences
(5/13/2010), Ph.D. (Oklahoma State University)

Xu, Mengyu, Assistant Professor of Statistics and Data Science
(8/8/2016), Ph.D. (University of Chicago)

Yalim, Asli, Assistant Professor of Social Work
(8/8/19), Ph.D. (University at Buffalo)

Yan, Xin, Professor of Statistics and Data Science
(8/8/2011), Ph.D. (University of California)

Yang, Limin, Lecturer, Mathematics
(5/1/2018), Ph.D. (Nankai University)

Yang, Yang, Assistant Professor of Material Science and Engineering
(8/8/2015), PHE (Tsinghua University)

Yao, Fan, Assistant Professor of Electrical Engineering
(9/12/2018) Ph.D. (George Washington University)

Yayla Kullu, Hesna, Associate Professor of Marketing
(8/8/2016), Ph.D. (University of North Carolina- Chapel Hill)

Yeargain, Karen, Instructor, Biology
(8/8/2008), Masters (University of Central Florida)

Yeo, Jungwon, Assistant Professor of Public Administration
(8/8/2016), Ph.D. (University of Pittsburgh)

Yestrebsky, Cherie, Professor of Chemistry
(8/8/1996), Ph.D. (University of South Florida)

Yonekura, Francisca, Asoc Instructional Designer of Vice Provost For Info Off
(4/23/1999), Ph.D. (University of Central Florida)

Yonetani, Ayako, Professor of School Of Performing Arts
(8/8/1993), DM.A. (Juilliard)

Yong, Jiongmin, Professor of Mathematics
(8/8/2003), Ph.D. (Purdue University)

Yooseph, Shibu, Professor of Electrical Engineering Computer Science
(8/8/2016), Ph.D. (University of Pennsylvania)

York, Rebecca, Instructor of Accounting
(8/8/2014), J.D. (University of Wisconsin)

Yost, Elizabeth, Assistant Professor of Hospitality Management Services
(8/8/2015), Ph.D. (University of Central Florida)

Young, David, Instructor of Nicholson School of Communication and Media
(8/8/1998), M.F.A. (University of California, L.A.)

Young, Beth, Associate Professor of English
(8/8/1997), Ph.D. (University of Southern California)

Yu, Chia-Yuan, Assistant Professor of Public Administration
(8/8/2015), Ph.D. (Texas A&M University)

Yu, Haofei, Assistant Professor of Civil Engineering
(8/8/2017, Ph.D. (University of South Florida)

Yu, Nan, Associate Professor of Nicholson School of Communication and Media
(8/8/2017), Ph.D. (Pennsylvania State University)

Yu, Xiaoming, Assistant Professor of Optics and Photonics
(1/1/2017), Ph.D. (Kansas State University)

Yuan, Jiann-Shiun, Professor of Electrical Engineering
(12/21/1989), Ph.D. (University of Florida)

Yuan, Yu, Assistant Professor of Chemistry
(8/8/2012), Ph.D. (Princeton University)

Yuksel, Murat, Associate Professor of Electrical Engineering
(8/8/2016), Ph.D. (Rensselaer Polytechnic Institute)

Yun, Hae-Bum, Associate Professor of Civil Engineering
(1/1/2010), Ph.D. (University of Southern CA)

Zaho, Margaret, Associate Professor of School Of Visual Arts & Design
(8/8/2005), Ph.D. (University of Washington)

Zaki, Mohammed Hussein, Assistant Professor of Civil Engineering
(8/8/2018), Ph.D. (Concordia University, Montreal)

Zaman, Widaad, Lecturer of Psychology
(1/4/2013), Ph.D. (Emory University)

Zaurin, Ricardo, Associate Lecturer of Civil Engineering
(8/8/2010), Ph.D. (University of Central Florida)

Zavattaro, Staci, Associate Professor of Public Administration
(8/8/2015), Ph.D. (Florida Atlantic University)

Zayat, Vania, Assistant Professor Medicine of Com Clinical Science
(9/1/2011), M.D. (Kauno Medicinos University)

Zervos, Antonis, Professor of Medicine of Col Of Med School Biomed Science Dean
(10/29/1999), Ph.D. (University of London)

Zgoba, Kristen, Assistant Professor of Criminal Justice
(2004), Ph.D. (Rutgers, the State University of New Jersey)

Zhai, Lei, Professor of Nanoscience Tech Center Operations
(8/8/2005), Ph.D. (Carnegie Mellon University)

Zhang, Teng, Assistant Professor of Mathematics
(8/8/2015), Ph.D. (University of Minnesota)

Zhang, Hong, Associate Professor of History
(8/8/1996), Ph.D. (University of Arizona)

Zhang, Shaojie, Associate Professor of Electrical Engineering Computer Science
(8/20/2007), Ph.D. (University of California)

Zhang, Xiaodi, Assistant Professor of Finance
(8/8/2015), Ph.D. (University of Utah)

Zhang, Ying, Associate Librarian of University Libraries
(8/8/1996), M.A. (University of South Florida)

Zhang, Shunpu, Professor of Statistics and Data Science
(8/28/2015), Ph.D. (University of Alberta)

Zhang, Tingting, Assistant Professor of Hospitality Management Services
(8/8/2016), Ph.D. (Ohio State University)

Zhang, Wei, Assistant Professor of Computer Science
(12/31/2015), Ph.D. (University of Minnesota)

Zhao, Yue, Professor of Mathematics
(8/8/1999), Ph.D. (Ohio State University)

Zhao, Jihe, Associate Professor Medicine of Col Of Med School Biomed Science Dean
(8/8/2010), Ph.D. (Tohoku University)

Zheng, Gaofeng, Professor of Mathematics
(1/9/2017), Ph.D. (Chinese University of Hong Kong)

Zheng, Qipeng, Assistant Professor of Industrial Engineering And Management Sys
(8/8/2013), Ph.D. (University of Florida)

Zhou, Qun, Assistant Professor of Electrical Engineering

(8/8/2015), Ph.D. (Iowa State University)

Zhou, Hongxia, Associate Professor Medicine of Col Of Med School Biomed Science Dean
(1/9/2017), Ph.D. (Albert-Ludwigs University of Freiburg)

Zielinski, Steven, Assistant In of Institute For Sim And Train
(3/29/2013), B.S. (University of Central Florida)

Ziock, Lawrence, Research Associate of Institute For Sim And Train
(3/31/1993), B.A. (University of Florida)

Zou, Changchun, Associate Professor of Electrical Engineering Computer Science
(8/8/2005), Ph.D. (University of Massachusetts)

Zou, Shengli, Associate Professor of Chemistry
(8/8/2006), Ph.D. (Emory University)

Zraick, Richard, Professor of Communication Sciences and Disorders
(7/1/2014), Ph.D. (Arizona State University)

Zygouris-Coe, Vassiliki, Professor of School of Teacher Education
(8/8/1999), Ph.D. (University of Florida)

· Faculty and Administration Emeriti

· **ABBOTT, DAVID W.**, Professor Emeritus of Psychology
(1968), B.A., M.S., Ph.D. (University of Massachusetts)

ADICKS, RICHARD R., Professor Emeritus of English
(1968), B.A.E., M.A., Ph.D. (Tulane University)

ANDERSON, HENRY, R., Professor Emeritus of Accounting
(1983), B.A., M.S., Ph.D. (University of Missouri)

ANDREWS, LARRY C., Professor Emeritus of Mathematics
(1973), B.S., M.S., Ph.D. (Michigan State University)

ARMACOST, ROBERT L., Associate Professor Emeritus of Industrial Engineering
(1991), B.S., M.S.O.R., D.Sc. (George Washington University)

ARMSTRONG, LEE H., Professor Emeritus of Mathematics

(1968), B.A., M.S., Ph.D. (Florida State University)

AROIAN, KAREN, Professor Emerita Of Nursing
(2008), F.A.A.N., M.S., Ph.D. (University Of Washington)

BAKER, GRAEME L., Professor Emeritus of Chemistry
(1968), B.S., M.S., Ph.D. (Montana State University)

BANDY, DALTON D., Chairholder, C.G. Avery Professorship, and Professor Emeritus of Accounting
(1985), B.S., M.B.A., Ph.D. (University of Texas)

BARNES, BETH, Vice President Emerita, Office of the President, and Associate Professor of English
(1968), B.A., M.A., Ph.D. (University of North Carolina at Chapel Hill)

BASS, MICHAEL, Professor Emeritus of Optics
(1988), B.S., M.S., Ph.D. (University of Michigan)

BAUMBACH, DONNA J., Professor Emerita, College of Community Innovation and Education
(1978), B.S., M.S., Ed.D. (Indiana University)

BISHOP, PATRICIA J., Dean Emerita, Graduate College
(1978), B.S.E., M.S.M.E., Ph.D. (Purdue University), P.E. (Florida)

BLAIR, TIMOTHY, Professor Emeritus, College of Community Innovation and Education
(1991), B.S., M.S., Ph.D. (University of Illinois)

BLEDSON, ROBERT L., Lecturer and Professor Emeritus of School of Politics, Security, and International Affairs
(1968), B.A., M.A., Ph.D. (University of Florida)

BLOCK, DAVID L., Director Emeritus, Florida Solar Energy Center and Professor Emeritus of Engineering
(1968), B.S., M.S., Ph.D. (Virginia Polytechnic Institute), P.E. (Florida)

BOLTE, JOHN R., Vice President Emeritus for Administration and Finance
(1968), B.A., M.A., M.S., Ph.D. (State University of Iowa)

BOREMAN, GLENN, Professor Emeritus of Optics & Photonics
(1990), B.S., M.S., Ph.D. (University of Arizona)

BOSE, SUBIR K., Professor Emeritus of Physics
(1987), B.Sc., M.Sc., Ph.D. (University of Allahabad)

BOZEMAN, WILLIAM C., Professor Emeritus, College of Community Innovation and Education (1985), B.A., M.Ed., Ph.D. (University of Wisconsin)

BRENNAN, JOHN J., Professor Emeritus of Physics (1968), B.S., M.S., Ph.D. (Georgia Institute of Technology)

BREWER, THOMAS, Professor, College of Community Innovation and Education (1996), B.A., M.A., Ph.D. (Florida State University)

BRIGHAM, ROBERT C., Professor Emeritus of Mathematics and Computer Science (1970), B.S., M.S., Ph.D. (New York University)

BROWN, WILLIAM, Professor Emeritus of Sociology (1972), Ph.D. (Purdue University)

BRUNNER, DAVID, Professor Emeritus of School Of Performing Arts (1989), B.M.E, M.M, DM.A. (University of Illinois)

BURROUGHS, WAYNE A., Professor Emeritus of Psychology (1969), B.A., M.A., Ph.D. (University of Tennessee)

CALLARMAN, WILLIAM G., Associate Professor Emeritus of Management (1972), B.B.A., M.B.A., Ph.D. (Arizona State University)

CANAN, PENELOPE, Professor Emerita of Sociology (2006), B.A., M.A., Ph.D. (University of Denver)

CARROLL, WILLIAM F., Professor Emeritus of Engineering (1985), B.S., M.S., Ph.D. (University of Illinois), P.E. (California, Florida and Illinois)

CHICUREL-STEIN, STEVEN, Professor Emeritus of School Of Performing Arts (2002), B.M., M.M, DM.A. (University of Kentucky)

COLBOURN, TREVOR, President Emeritus, Professor of History, and Special Assistant to the UCF Foundation Chief Executive Officer (1978), B.A., A.M., M.A., Ph.D. (Johns Hopkins University)

COMISH, NEWEL W., Professor Emeritus of Management (1968), B.S., M.S., Ph.D. (Ohio State University)

CONGDON, KRISTIN G., Professor Emerita, Philosophy and Humanities (1998), B.A., M.S., Ph.D. (University of Oregon)

COOPER, C. DAVID, Professor Emeritus of Civil, Environmental, and Construction Engineering (1997), B.S.E., Ph.D. (University of Notre Dame), P.E. (Florida)

CORNELL, RICHARD, Professor Emeritus, College of Community Innovation and Education (1968), B.S., M.S., Ed.D (Nova University)

CREPEAU, RICHARD C., Professor Emeritus of History (1972), B.S., M.A., Ph.D. (Florida State University)

CUNNINGHAM, GLENN N., Professor Emeritus of Chemistry (1969), B.S., M.S., Ph.D. (North Carolina State University)

DAVIS, DUANE L., Professor Emeritus of Marketing (1978), B.S., M.B.A., D.B.A. (University of Kentucky)

DAVIS, ROBERT, Professor Emeritus of Nicholson School of Communication and Media (1977), Ph.D. (Ohio State University)

DENNING, RICHARD G., Professor Emeritus of Engineering Technology (1976), B.M.E., M.S., Ed.D. (University of Georgia), P.E. (Florida, Georgia)

DEO, NARSINGH, Professor Emeritus, Computer Science (8/8/1986) Ph.D. (Northwestern University)

DOMBROWSKI, PAUL, Professor Emeritus of English (1997), Ph.D. (Rensselaer Polytechnic Institute.)

DUTTON, RONALD D., Professor Emeritus, Computer Science and Mathematics (1972), B.S., M.S., Ph.D. (Washington State University)

DZIEGIELEWSKI, SOPHIA, Professor Emerita of Social Work (8/8/1997), Ph.D (Florida State University)

DZIUBAN, CHARLES D., Professor Emeritus, College of Community Innovation and Education (1970), B.S., M.Ed., Ph.D. (University of Wisconsin)

EHRHART, LLEWELLYN M., Pegasus Professor and Professor Emeritus of Biology (1969), A.B., Ph.D. (Cornell University)

ELLIS, LESLIE L., Professor Emeritus of Biology

(1968), B.S., M.S., Ph.D. (University of Oklahoma)

ESLER, WILLIAM K., Professor Emeritus, College of Community Innovation and Education
(1968), B.A.Ed., M.A.Ed., Ph.D. (Kent State University)

EVANS, THOMAS G., Professor Emeritus of Accounting
(1990), B.S., M.B.A., Ph.D. (Michigan State University)

· **FEDLER, FREDERIC E.**, Professor Emeritus of Nicholson School of Communication and Media
(1971), B.S., M.A., Ph.D. (University of Minnesota)

FERNALD, LLOYD W., Professor Emeritus of Management
(1983), B.S., M.S., D.B.A. (George Washington University)

FERNANDEZ, JOSE, Professor Emeritus of History and Modern Languages
(1981), Ph.D. (Florida State University)

FLICK, ROBERT G., Professor Emeritus of Humanities
(1968), B.S., M.A., Ph.D. (University of Florida)

FORD, ROBERT C., Professor Emeritus, Management
(1993), B.A., M.B.A., Ph.D. (Arizona State University)

FRANCIS, MADISON KE, Professor Emeritus, Sculpture
(1996), B.F.A. (Cleveland Institute of Art)

FREDERICK, TERRY J., Professor Emeritus, Film and Digital Media, and Distinguished Service Professor of
Computer Science
(1975), B.S., M.S., Ph.D. (University of Wisconsin)

GAUDNEK, WALTER, Professor Emeritus of School Of Visual Arts & Design
(1970), M.A., Ph.D. (New York University)

· **GENNARO, ROBERT N.**, Professor Emeritus of Molecular Biology and Microbiology, and Associate Director of
Burnett School of Biomedical Sciences
(1970), Ph.D. (Texas A&M University)

GIORDANO, PAUL, Professor Emeritus of Modern Languages
(2004), Ph.D. (Indiana University)

GOMEZ, FERNANDO J., Professor of Electrical Engineering and Computer Science
(1981), B.A., M.A., M.A., Ph.D. (Ohio State University)

GONZALEZ, AVELINO, Professor Emeritus, Computer Science
(8/8/1986), Ph.D. (University of Pittsburgh)

GRIFFITH, HAROLD L., Professor Emeritus of Engineering Technology
(1972), B.S., M.S. (Pennsylvania State University), P.E. (Florida)

GUHA, RATAN, Professor Emeritus, Computer Science
(1/1/1970), Ph.D. (University of Texas)

HALL, HARRY O., Professor Emeritus, College of Community Innovation and Education
(1967), B.A., M.Ed., Ed.D. (University of Florida)

HARMS, ALFRED G., Vice President Emeritus, Strategy, Marketing, Communications, and Admissions
(2005), B.S., M.S. (Texas A&M University)

HICKEY, TERRY L., Provost and Executive Vice President Emeritus, and Professor Emeritus of Psychology
(2003), B.A., M.A., Ph.D. (University of Miami)

HITT, JOHN, University President Emeritus, Professor of Psychology
(3/1/1992), Ph.D. (Tulane University)

HOSNI, DJEHANE, Associate Professor Emeritus of Economics
(1977), B.A., M.A., Ph.D. (University of Arkansas)

HOSNI, YASSER A., Professor Emeritus of Industrial Engineering
(1976), B.S.M.E., M.S., Ph.D. (University of Arkansas), P.E. (Florida)

HUBBARD, SUSAN, Professor Emeritus of English
(1995), M.A. (Syracuse University)

HUDDLESTON, THOMAS, JR., Vice President Emeritus for Marketing, Communications and Admissions
(1993), B.S., M.S., Ed.D. (Oklahoma State University)

HUDSON, PHYLLIS J., University Librarian Emerita
(1972), B.A., M.S.L.S. (University of Illinois)

HYNES, MICHAEL C., Professor Emeritus and Director, College of Community Innovation and Education
(1971), B.S.Ed., M.Ed., Ph.D. (Kent State University)

ISMAIL, MOURAD, Professor Emeritus of Mathematics
(2003), Ph.D. (University of Alberta)

· **JOELS, ROSIE WEBB**, Professor Emerita, College of Community Innovation and Education (1978), B.A., M.Ed., Ph.D. (University of Arizona)

JOHNSON, WILLIAM H., Professor Emeritus, College of Community Innovation and Education (1986), B.S., M.Ed., Ph.D. (Kent State University)

JONES, DANIEL, Professor Emeritus of English (1983), Ph.D. (Florida State University)

JONES JR., HALSEY R., Professor Emeritus of Management (1982), B.A., M.S., Ph.D. (Pennsylvania State University)

JUGE, FRANK E., Professor Emeritus of Chemistry (1968), B.S., Ph.D. (University of Arkansas)

· **KASSIM, HUSAIN**, Professor Emeritus of Philosophy and Religion (1970), B.A., M.A., I.L.L.B., Ph.D. (University of Bonn)

KERSTEN, ROBERT D., Dean Emeritus and Professor Emeritus of Engineering (1968), B.S., M.S., Ph.D. (Northwestern University), P.E. (Florida, Arizona, and Oklahoma)

KIJEK, JEAN C., Associate Professor Emerita, College of Nursing (1985), B.S.N., M.A., Ph.D. (New York University)

KOEVENIG, JAMES L., Professor Emeritus of Biology (1971), B.A., M.A., Ph.D. (University of Iowa)

KUHN, DAVID T., Professor Emeritus of Biology (1970), B.A., M.S., Ph.D. (Arizona State University)

KUO, SHIOU-SAN, Professor Emeritus of Civil, Environmental, and Construction Engineering (1981), B.S., M.S., Ph.D. (Michigan State University), P.E. (Florida)

KYSILKA, MARCELLA L., Professor Emerita, College of Community Innovation and Education (1969), B.S.Ed., M.Ed., Ph.D. (University of Texas)

· **LECKIE-REED, SHIRLEY A.**, Professor Emerita of History (1985), B.A., M.A., Ph.D. (University of Toledo)

LIEBERMAN, LESLIE, Professor Emerita, Anthropology (2001), B.A., M.A., Ph.D. (University of Connecticut)

LILIE, STUART A., Associate Professor Emeritus of School of Politics, Security, and International Affairs (1972), B.A., Ph.D. (Johns Hopkins University)

LLEWELLYN, RALPH, Professor Emeritus of Physics (1980), Ph.D. (Purdue University)

MADSEN, BROOKS C., Professor Emeritus of Chemistry (1970), B.S., M.S., Ph.D. (Ohio University)

MALONE, LINDA C., Professor Emerita of Industrial Engineering (1979), B.S., M.S., Ph.D. (Virginia Polytechnic Institute and State University)

MANNING, PATRICIA C., Professor Emerita, College of Community Innovation and Education (1970), B.S., M.Ed., Ed.D. (Nova University)

MATHEWS, BRUCE E., Professor Emeritus of Engineering (1969), B.E.E., M.S.E., Ph.D. (University of Florida), P.E. (Florida)

MATTSON, GUY C., Professor Emeritus of Chemistry (1969), B.S., Ph.D. (University of Florida)

McGEE, WILLIAM W., Professor Emeritus of Forensic Science (1968), B.S., M.S., Ph.D. (University of Florida)

McGUIRE, JOHN, Professor Emeritus of Psychology (1972), Ph.D. (George Peabody College)

McLELLON, WALDRON, Professor Emeritus of Engineering (2008), B.S., B.C.E., M.C.E., M.S. (Physics), M.S., (Env. Engr.), Ph.D. (Rensselaer Polytechnic Institute)

MEESKE, MILAN, Professor Emeritus of Nicholson School of Communication and Media (1970), Ph.D. (University of Denver)

MILLER, ERNEST E., Professor Emeritus, College of Community Innovation and Education (1968), B.S., M.S., Ed.D. (University of North Dakota)

MORGAN, BEN B., JR, Professor Emeritus of Psychology (1988), B.A., M.A., Ph.D. (University of Louisville)

MORSE, LUCY C., Associate Professor Emerita of Engineering Technology (1983), A.B., M.S., Ph.D. (University of Central Florida)

MOSHELL, J. MICHAEL, Professor Emeritus, Digital Media and Computer Science
(1984), B.S., Ph.D. (Ohio State University)

MOSLEHY, FAISSAL A., Professor Emeritus of Mechanical and Aerospace Engineering
(1980), B.S., M.S., Ph.D. (University of South Carolina), P.E. (Florida)

MULLIN, THOMAS A., Associate Professor Emeritus of Communication Sciences and Disorders
(1972), B.A., M.S., Ph.D. (Syracuse University)

MURPHY, PATRICK, Professor Emeritus of English
(2002), Ph.D. (University of California, Davis)

· **O'KEEFE, M. TIMOTHY**, Professor Emeritus of Nicholson School of Communication and Media
(1968), B.A., M.A., Ph.D. (University of North Carolina)

OMANS, STUART E., Professor Emeritus of English
(1968), B.A., M.A., Ph.D. (Northwestern University)

OSBORNE, JOHN A., Professor Emeritus of Biology
(1972), B.S., M.S., Ph.D. (Kansas State University)

OSTLE, BERNARD, Professor Emeritus of Statistics and Data Science
(1967), B.A., M.A., Ph.D. (Iowa State University)

· **PALMER, MARY J.**, Professor Emerita, College of Community Innovation and Education
(1970), B.S., M.S., Ed.D. (University of Illinois)

PANOUSIS, PETER, Dean Emeritus, College of Sciences
(2000), B.S., Ph.D. (Iowa State University)

PAUL, GORDON W., Professor Emeritus of Marketing
(1977), B.S., M.B.A., Ph.D. (Michigan State University)

PAULEY, BRUCE F., Professor Emeritus of History
(1971), B.A., M.A., Ph.D. (University of Rochester)

PAWLAS, GEORGE E., Professor Emeritus, College of Community Innovation and Education
(1991), B.S., M.Ed., Ph.D. (University of South Carolina)

PELLI, MOSHE, Professor Emeritus of History
(1985), B.S., Ph.D. (Dropsie College)

PENNINGTON, ROBERT, Professor Emeritus of Economics
(1983), B.A., Ph.D. (Texas A&M University)

PET-ARMACOST, JULIA, Professor Emerita, Associate Dean for Planning and Knowledge Management, College of Medicine
(1993), Ph.D. (Case Western Reserve University)

PHERIGO, JOHNNY, Professor Emeritus of School of Performing Arts
(2004), D.M.A. (University of Illinois)

PHILLIPS, RONALD L., Professor Emeritus of Engineering Science and Mathematics
(1970), B.S.E., M.S.E., M.A., Ph.D. (Arizona State University)

PICKERING, ROY, Professor Emeritus, Music
(1979), B.M.E., M.M. (Indiana University)

PLATT, JENNIFER C., Professor Emerita, College of Community Innovation and Education
(1985), B.S., M.S., Ed.D. (West Virginia University)

PRITCHARD, ROBERT D., Professor Emeritus, Psychology
(2003), B.A., Ph.D. (University of California, Los Angeles)

PRYOR, ALBERT, Professor Emeritus of Nicholson School of Communication and Media
(1972), B.S., M.A., Ph.D. (University of Michigan)

PYLE, RANSFORD C., Associate Professor Emeritus of Legal Studies
(1976), A.B., M.A., J.D., Ph.D. (University of Florida)

RADWAN, AHMED, Professor Emeritus, Civil Engineering
(8/8/1990), Ph.D. (Purdue University)

REIFF, WALLACE W., Professor Emeritus of Finance
(1970), B.S., M.A., M.B.A., D.B.A. (Indiana University)

RICHIE, SAMUEL M., Professor Emeritus of Electrical and Computer Engineering
(1984), B.S.E., M.S.E., Ph.D. (University of Central Florida)

ROHTER, FRANK D., Professor Emeritus, College of Community Innovation and Education
(1968), B.S., M.Ed., Ph.D. (University of Southern California)

ROLLINS, JACK B., Professor Emeritus of Psychology

(1969), B.S., M.S., Ph.D. (University of Georgia)

RUBIN, RONALD S., Professor Emeritus of Marketing
(1972), B.A., M.A., Ph.D. (University of Massachusetts)

SALTER, JOHN H. III, Chairholder, Ernst & Young Professorship and Professor Emeritus of Accounting
(1975), B.S., M.S., Ph.D. (Louisiana State University)

SAUNDERS, CAROL, Professor Emeritus of Management
(2001), B.A., M.B.A., Ph.D. (University of Houston)

SCHIFFHORST, GERALD J., Professor Emeritus of English
(1970), B.S., M.A., Ph.D. (Washington University)

SCHWARTZ, JAMIE, Associate Professor Emeritus of Communicative Disorders
(2001), B.A., M.A., Ph.D. (University of Florida)

SCOTT JR., DAVID F., Professor Emeritus of Finance
(1982), B.S.B.A., M.B.A., Ph.D. (University of Florida)

SHERWOOD, HOWARD, Professor Emeritus of Mathematics
(1969), B.S., M.S., Ph.D. (University of Arizona)

SHOFNER, JERRELL H., Professor Emeritus of History
(1972), B.S., M.S., Ph.D. (Florida State University)

SILFVAST, WILLIAM, Professor Emeritus of Optics and of Physics
(1990), B.S., Ph.D. (University of Utah)

SMITH, FRANCES B., Associate Professor Emerita, College of Nursing
(1979), R.N., Ed.D. (Florida State University)

SMITH, HARRY W., JR., Professor Emeritus of Theatre
(1969), B.A., M.A., Ph.D. (Tulane University)

SNELSON, FRANKLIN F., JR., Professor Emeritus of Biology
(1970), B.S., Ph.D. (Cornell University)

SOMERVILLE, PAUL N., Professor Emeritus of Statistics and Data Science
(1972), B.Sc., Ph.D. (University of North Carolina)

SORG, STEVEN E., Associate Professor Emeritus, College of Community Innovation and Education (1978), B.S., M.S., Ph.D. (Florida State University)

STEARMAN, ALLYN M., Professor Emerita of Anthropology (1976), B.A., M.A., Ph.D. (University of Florida)

STOUT, I. JACK, Professor Emeritus of Biology (1972), B.S., M.S., Ph.D. (Washington State University)

SWEENEY, MICHAEL J., Professor Emeritus, Molecular Biology and Microbiology (1972), Ph.D. (Temple University School of Medicine)

SWEET, HAVEN C., Professor Emeritus of Biology (1971), B.S., Ph.D. (Syracuse University)

TAYLOR, JAMES S., Professor Emeritus of Civil, Environmental, and Construction Engineering (1977), B.S.I.E., M.S., Ph.D. (University of Florida), P.E. (Florida)

TAYLOR, K. PHILLIP, Professor Emeritus of Nicholson School of Communication and Media (1970), B.A., Ph.D. (Indiana University)

TAYLOR, MICHAEL D., Professor Emeritus of Mathematics (1968), B.A., M.S., Ph.D. (Florida State University)

TAYLOR, WALTER K., Professor Emeritus of Biology (1969), B.S., M.S., Ph.D. (Arizona State University)

TESORI, ANTHONY P., Professor Emeritus of Education and Director Brevard Campus (1970), B.S., M.A., Ed.D. (New York University)

THOMAS, MARGARET H., Professor Emerita of Psychology (1971), B.A., M.A., Ph.D. (Tulane University)

TROUARD, DAWN, Professor Emerita of English (1997), B.A., M.A., Ph.D. (Rice University)

TUBBS, LeVESTER, Associate Professor Emeritus, College of Community Innovation and Education (1980), B.S., M.S., Ed.D. (University of Missouri)

TUCKER, RICHARD D., Professor Emeritus of Psychology (1972), A.B., M.A., Ph.D. (Emory University)

TZANNES, NICOLAOS S., Professor Emeritus of Electrical and Computer Engineering (1986), B.E.E., M.E.E., Ph.D. (Johns Hopkins University)

· **UNKOVIC, CHARLES,** Professor Emeritus of Sociology (1968), Ph.D. (University of Pittsburgh)

· **VAN HOOK, MARY P.,** Professor Emerita of Social Work (1995), B.A., M.S., Ph.D. (Rutgers University)

VAN STRYLAND, ERIC, Professor Emeritus and Dean of Optics and Photonics (3/13/1987), Ph.D. (U of Arizona)

· **WALLACE, RONALD L.,** Professor Emeritus of Anthropology (1975), B.A., M.A., Ph.D. (University of Florida)

WANIELISTA, MARTIN P., Professor Emeritus of Civil, Environmental, and Construction Engineering (1970), B.S.C.E., M.S., Ph.D. (Cornell University), P.E. (Florida)

WHISLER, BRUCE A., Associate Professor Emeritus of Music (1971), B.A., Ph.D. (University of Rochester)

WHITE, ROSEANN S., Professor Emerita of Molecular Biology and Microbiology, and Associate Director of Burnett School of Biomedical Sciences (1969), Ph.D. (University of Texas S.W. Medical School)

WHITEHOUSE, GARY E., Professor Emeritus of Engineering (1978), B.S.I.E., M.S.I.E., Ph.D. (Arizona State University), P.E. (Florida, Pennsylvania)

WIENKE, WILFRED, Professor Emeritus, College of Community Innovation and Education (1998), B.S., M.S., Ed.D. (University of Northern Colorado)

WINK, DIANE M., Professor Emerita, College of Nursing (1987), ARNP, Ed.D. (University of Central Florida)

WOLF, J. GARY, Distinguished Service Professor Emeritus of Music (1972), B.M.Ed., M.M., D.M.A. (Eastman School of Music)

WYCOFF, EDGAR B., Associate Professor Emeritus of Nicholson School of Communication and Media (1972), B.S., M.B.A., Ph.D. (Florida State University)

YEGIDIS, BONNIE, Professor Emerita of Social Work (2013), Ph.D. (University of South Florida)

· **YEH, GOUR-TSYH**, Professor Emeritus of Civil, Environmental, and Construction Engineering
(2000), B.S., M.S., Ph.D. (Cornell University), P.E. (New York, Massachusetts, California, Tennessee, Pennsylvania)

Honorary Degrees Awarded

December 1969	Kurt H. Debus, Doctor of Engineering Science William H. Dial, Doctor of Commercial Science
June 1970	John W. Young, Doctor of Applied Sciences
March 1973	Louis C. Murray, Doctor of Public Service
August 1974	Fred C. Clayton, Doctor of Professional Engineering
August 1978	Richard F. Livingston, Doctor of Business Administration
June 1979	Albert F. Hegenberger, Doctor of Engineering Science Lee R. Scherer, Doctor of Engineering Science
December 1979	Joseph Daniel Duffey, Doctor of Humane Letters
June 1980	Thelma Vivian Jackson Dudley, Doctor of Humanities Howard Phillips, Doctor of Public Service
December 1981	Gene Burns, Master of Letters
April 1982	Andrew Duda, Jr., Doctor of Agricultural Service Ferdinand Duda, Doctor of Agricultural Service John Duda, Doctor of Agricultural Service Robert J. Whalen, Doctor of Engineering Science
July 1982	Mary Jo Davis, Doctor of Public Service William E. Davis, Doctor of Public Service
December 1982	Joseph A. Boyd, Doctor of Engineering Science J. W. Hubler, Doctor of Engineering Science
July 1983	Charles Wadsworth, Doctor of Public Service
December 1984	Allan E. Gotieb, Doctor of Laws
May 1985	George J. Becker, Jr., Doctor of Public Service Jerry Collins, Doctor of Public Service D. Robert Graham, Doctor of Public Service Walter O. Lowrie, Doctor of Engineering Science William C. Schwartz, Doctor of Engineering Science
March 1986	Isaac Bashevis Singer, Doctor of Letters
October 1988	Elie Wiesel, Doctor of Letters
December 1988	Sven Caspersen, Doctor of Engineering Science

John D. Holloway, Doctor of Public Service
Wolfgang-Detlef Petri, Doctor of Commercial Science

May 1989	Frank M. Hubbard, Doctor of Public Service David Albertson, Doctor of Humane Letters William S. Jenkins, Doctor of Humane Letters James C. Robinson, Doctor of Public Service Charles N. Millican, Doctor of Laws
May 1990	Helen Harris Perlman, Doctor of Humane Letters Thaddeus Seymour, Doctor of Letters
May 1991	Roald Hoffman, Doctor of Science
May 1992	Robert Bryan, Doctor of Humane Letters
May 1993	Buell G. Duncan, Jr., Doctor of Commercial Science
May 1995	Norman R. Augustine, Doctor of Engineering Science
December 1995	Jesse Stone, Doctor of Humane Letters
April 1996	Nicolaas Bloembergen, Doctor of Science
December 1996	Richard A. Nunis, Doctor of Public Service
May 1997	Maxwell C. King, Doctor of Public Service Joe R. Lee, Doctor of Commercial Science
August 1998	Trevor Colbourn, Doctor of Humane Letters
December 1998	Linda W. Chapin, Doctor of Public Service
December 1999	Oscar Arias, Doctor of Humane Letters Reubin Askew, Doctor of Public Service Desmond Tutu, Doctor of Humane Letters
May 2000	Lotfi Zadeh, Doctor of Science
May 2001	James Bacchus, Doctor of Public Services Richard M. Karp, Doctor of Science Joseph F. Traub, Doctor of Science LeRoy T. Walker Sr., Doctor of Public Service
May 2002	Richard M. DeVos, Sr., Doctor of Commercial Science
October 2002	Albert Burnett, Doctor of Commercial Science Nancy Burnett, Doctor of Commercial Science
December 2002	Robert E. Kahn, Doctor of Science

December 2004	G. Vince Amico, Doctor of Science Lester Mandell, Doctor of Commercial Science
May 2005	Harriet Elam-Thomas, Doctor of Public Service
March 2006	Anibel Acevedo Vila, Doctor of Public Science
December 2006	Rita Bornstein, Doctor of Humane Letters
May 2007	Charles Hard Townes, Doctor of Science
December 2008	Robert Vander Weide, Doctor of Commerce
May 2009	Howard Lance, Doctor of Science
December 2009	Jerry S. Roth, Doctor of Commercial Science
December 2011	James A. Hinson, Doctor of Public Service
December 2012	Sanford Shugart, Doctor of Humane Letters
May 2013	William Jefferson Clinton, Doctor of Humane Letters Michael M. Crow, Doctor of Humane Letters
August 2014	Judith A. Albertson, Doctor of Humane Letters Phyllis A. Klock, Doctor of Commercial Science
December 2014	Alan Ginsburg, Doctor of Public Service Richard Walsh, Doctor of Commercial Science
May 2016	J. Charles Gray, Doctor of Public Service John Skipper, Doctor of Humane Letters
August 2016	Alan Eustace, Doctor of Business
April 2017	Mohammad bin Fahd bin Abdulaziz Al Saud, Doctor of Public Service
December 2017	Kareem Adbul-Jabbar, Doctor of Public Service Anthony J. Nicholson, Doctor of Public Service
May 2018	Jeb Bush, Doctor of Public Service Buddy Dyer, Doctor of Public Service Martha Halstead Hitt, Doctor of Public Service James F. Heekin, Doctor of Public Service Teresa Jacobs, Doctor of Public Service Thomas G. Kuntz, Doctor of Public Service Carolyn Roberts, Doctor of Public Service
May 2019	Judith M. Duda, Doctor of Humane Letters
December 2019	Daniel Holsenbeck, Doctor of Humane Letters
May 2021	Abraham Pizam, Doctor of Commercial Science

Glossary

A.A.: Associate of Arts degree. A degree designed for transfer to an upper division college or university. A Florida A.A. degree satisfies General Education (GEP) at all Florida SUS Schools.

Accreditation: certification that the college/school or program has met established standards and is nationally recognized by appropriate accrediting agencies.

ACT: American College Testing program is used for undergraduate admission purposes.

Add: online procedure used to alter class schedules after registration. During this time, students can adjust their schedules through myUCF (my.ucf.edu) by adding courses.

Arts and Humanities: College of Arts and Humanities (CAH).

A.S.: associate in science degree. A broad-based degree designed to prepare students to enter a wide variety of careers.

ASSA: Academic Services for Student-Athletes.

Audit (course): to attend classes without receiving academic credit.

Audit (degree): computerized summary of progress toward completion of degree requirements to be used with academic advising and registration. Available from myUCF at my.ucf.edu. (See also "Degree Audit").

BA: Business Administration. This abbreviation appears in the listing of courses and refers to the College of Business Administration (CBA). Also see Bachelors Degree.

Baccalaureate or Bachelor's Degree: completion of all University and major graduation requirements as certified by the University (i.e., B.A. is the Bachelor of Arts degree, and B.S. is the Bachelor of Science degree).

BHC: Burnett Honors College.

Breaking Catalog: loss of eligibility to follow graduation requirements in a specific catalog.

BSBS: Burnett School of Biomedical Sciences within the College of Medicine.

Business: College of Business Administration (CBA).

CAH: College of Arts and Humanities.

Catalog: resource for UCF academic policies and procedures, college/school and degree requirements, course descriptions and faculty listings. It is published annually and its contents are subject to change. Available online at catalog.ucf.edu/index.php.

Catalog Year: the edition of the University catalog that governs graduation requirements for a particular academic year.

CBA: College of Business Administration.

CCIE: College of Community Innovation and Education.

CECS: College of Engineering and Computer Science.

CHPS: College of Health Professions and Sciences.

Certificate: special program of study supplemental to a major.

CI: consent of instructor.

Class Schedule Search: a component of the online myUCF system (at my.ucf.edu) that lists courses and class sections offered each academic term.

College: collection of related academic departments. There are thirteen colleges at UCF: Burnett Honors College (BHC), Arts and Humanities (CAH), Business Administration (CBA), Community Innovation and Education. (CCIE), Engineering and Computer Science (CECS), Graduate Studies, College of Human Professions and Sciences. (CHPS), Medicine (COM), Nursing (CON), Optics and Photonics (CREOL), Sciences (COS), Undergraduate Studies, and Rosen College of Hospitality Management (RCHM).

COM: College of Medicine.

Common Course Numbering: the statewide course numbering system (SCNS) uses a course designation that consists of a 3-letter prefix and a 4-digit number and when necessary a one-letter laboratory (L) or lecture/laboratory (C) suffix.

Common Program Prerequisite: the State of Florida has identified Common Program Prerequisites for all University programs. These prerequisites must be completed by all students entering that field of study, must be accepted by all state universities and must be applied towards the degree.

CON: College of Nursing.

Contact hours: number of hours students meet in class.

Continuous Enrollment: enrollment not interrupted by non-attendance for either consecutive Fall and Spring terms, or consecutive Spring, Summer term, and Fall.

COS: College of Sciences.

CR: co-requisite is an additional course in which you must enroll during the same term as the primary course you desire to take.

Credit Hour: A unit of measurement representing the amount of work associated with courses. One college credit is based on the learning expected from the equivalent of fifteen 50-minute periods of classroom instruction. UCF's complete definition is published in the [policy section](#) of the catalog.

CREOL: College of Optics and Photonics.

Degree Audit: a computerized degree audit that lists courses completed toward major and degree requirements.

Diploma: official certificate displaying earned degree, major and baccalaureate honors.

Directory Information: certain information concerning students that may be released to anyone upon request. Directory information at UCF includes: name, current mailing address, telephone number, date of birth, major field of study, dates of attendance, enrollment status, degrees and awards received, participation in officially registered activities and sports, athletes' height and weight.

Disqualified: a student on academic probation who fails to achieve a minimum 2.0 UCF GPA during a subsequent term is disqualified. A student who is disqualified may not enroll at the University for two terms following disqualification. Readmission after two terms is not automatic.

Distributed Learning, Center of: serves as the central agent for online learning at UCF, providing leadership in distance learning policies, strategies, and practices.

Double Major: awarded when the student concurrently satisfies requirements for two majors.

Drop/Swap: a student may drop or swap a course(s) during the official Drop/Swap period. A dropped course will not appear on the student's permanent record. Students are not fee liable for dropped courses.

Elective: any course not required as part of the General Education Program or as part of your major/minor.

Engineering: College of Engineering and Computer Science (CECS).

Email: primary official means of communication with students regarding University business and information.

Enrollment: the act of registering in classes. This may be done through myUCF at my.ucf.edu and, in limited circumstances, at the colleges' advising offices.

Enrollment Certification: an official University document that provides a student's enrollment history including status, dates enrolled, and degrees awarded, available online at my.ucf.edu in Student Self Service.

Equipment Fee: a charge associated with some majors to cover the use and replacement of equipment.

Excess Credit Hour Surcharge: a surcharge to each credit hour taken in excess of the total number of credit hours required to complete the degree being pursued. The amount in excess of the total hours is calculated based on a percentage defined in statute and is referred to by the University of Central Florida as baseline hours limit.

Excluded: a student readmitted following disqualification who fails to achieve a minimum 2.0 GPA during a subsequent term is excluded from the University. Students are not eligible for readmission after exclusion. See "Readmission" for details.

Fee Invoice: a printout of courses for which the student has registered that lists each specific course, its meeting time(s) and day(s). The amount of tuition and fees due for all courses registered and the payment deadline date also is indicated. Available online at my.ucf.edu in Student Self Service.

Freshman and Sophomore Courses: lower level courses with common course numbers ranging from 1000-2999 (e.g., ENC 1101 - Composition I). Generally, freshmen should enroll in 1000 and 2000 level courses.

FTIC: abbreviation for "First Time In College," referring to those students who currently are in their first term as a UCF college student after high school.

Full-Time Course Load: for undergraduates, a minimum of 12 credits in the fall and spring and summer terms.

FYE: First Year Experience.

GEP: General Education Program: Specific courses required for all UCF degree programs providing skills and knowledge in general subject areas essential to continued learning and success, not only in college but throughout the student's life.

Gordon Rule: requires students to complete four composition courses (12 semester hours) and two courses (six semester hours) of mathematics at the level of college algebra or higher. Each course must be completed with a grade of "C-" (1.75) or better.

GPA: Grade Point Average: the average number of grade points per semester hour attempted. GPA is computed by

dividing the total number of grade points assigned by the total number of semester hours attempted, less hours resulting from NC, W, WP, S, U, and I grades.

Grade Forgiveness: refers to when a course taken at UCF is repeated, and for grade point average purposes, the grade earned in the first attempt is replaced by the grade earned in the second attempt at UCF (may be used only twice in the student's academic career).

Grade Point Deficiency: for readmission purposes only, this term is defined as the number of UCF credit hours earned with a "B" (3.0 GPA) grade that a student requires to raise his or her UCF cumulative grade point average to 2.0. A student's grade point deficiency is calculated when the student applies for readmission.

Health Form: documentation of immunity for measles and rubella, as well as consent for treatment at the University Health Center (must be completed and returned to Student Health Services prior to the first registration).

Hold: also called a "negative service indicator", this is a block on activity for transcripts, grades, diploma, or registration because of financial or other obligations to UCF.

Incomplete: grade assigned by the instructor when a student is unable to complete a course due to extenuating circumstances. Must be completed in 12 months or by graduation, whichever comes first.

Junior and Senior Courses: upper level courses with common course numbers ranging from 3000- 4999 (e.g., ENG 3311, Advanced Expository Writing).

Kiosk: stand-alone PCs located in UCF public areas providing access to student records and general information.

KMETC: Knights Major Exploration and Transition Center

Limited Access: a major that has additional admission requirements (e.g. early application date, a separate application, or specific GPA requirements). Certain academic programs designated as "limited access" only guarantee admission to a limited number of applicants.

Lower Level Courses: courses with a number of 1000-2999 (not less than 1000).

Major: group of related courses that constitute a focused program of study in a specific area of knowledge.

MASS: Multicultural Academic and Support Services

Material and Supply Fee: a charge associated with some courses to cover items consumed within the class.

Matriculation: enrollment and attendance your initial term at UCF. Can be as an admitted, degree-seeking student or as a non-degree seeking student.

MEP: Major Exploration Program to assist students who are undecided about a major.

Minor: a complement to a bachelor's degree program/ major requiring at least 18 credit hours in a field.

mySchedule Builder: a course scheduling tool designed to allow students to plan their class schedules around their life commitments. It allows students to review and compare every possible class schedule.

myUCF: the UCF/student information portal online at my.ucf.edu. myUCF is a powerful, securityencrypted, personal identification and Passwordaccess information system that will facilitate a variety of transactions in which students will engage at UCF. In myUCF, students may obtain a list of current holds, change the Password, sign up for a Knights Email account, telephone number, and permanent/ mailing addresses; search for courses each term; register, drop/swap and add courses each term; withdraw from courses following the close of Late Registration and Drop/ Swap, print the "Degree Audit," obtain the registration appointment day and time for each term, print a "Fee Invoice," pay fees by credit card, gain access to financial aid and accounts receivable information; obtain the term final grades, and a list of current courses.

NID: Network IDentification number that students use to log in to web courses, UCF computer labs, and myUCF or the UCF Information Kiosks.

Overall GPA: cumulative GPA of UCF and transfer course work.

Password: a series of four to eight characters and numbers chosen by the student that is associated with the NID (Network Identification Number). Each time you use the NID to enter myUCF, you also will enter your password.

Pending Status: category assigned to students who desire to enter limited or restricted access programs. Typically, students are required to complete the GEP and all major pre-requisites prior to admission into the desired limited access program (Department will change student's status upon acceptance into the program).

PR: prerequisite refers to a specific course that must be taken and passed prior to enrolling in the primary course the student desires to take.

Probation: action taken when a student's UCF overall GPA drops below 2.0.

Readmission: reapplication to the Registrar's Office after an absence of two or more terms.

Registration: the process of enrolling in classes. This may be done through myUCF at my.ucf.edu and, in limited circumstances, at the colleges' advising offices.

Repeat Surcharge: additional fee applied when a student enrolls in the same course three or more times.

Restricted Access: a major that has additional admission requirements (e.g. early application date, a separate

application or specific GPA requirements). There is no limit to the number of students who can be enrolled. Students meeting the specified requirement(s) normally will be admitted.

Restricted Electives: a specified group of courses within a major from which students must make selections.

Retention: a term used to describe students' continued enrollment at the University until successful completion of their educational goals.

RCHM: Rosen College of Hospitality Management.

SARC: Student Academic Resource Center, provides academic support programs, including supplemental instruction, tutoring, academic advising, and various other programs and services to students.

SAT: Scholastic Assessment Test is an assessment used for University admission purposes.

Satisfactory Academic Progress: a general eligibility requirement for financial assistance (see the "Student Financial Assistance" section of this Undergraduate Catalog).

Second Bachelor's Degree: awarded when the student meets the requirements for both degrees and earns a minimum of 150 credit hours.

Section: refers to one of several offerings of the same course scheduled at different days of the week and hours of the day. For example: There may be 40 different sections of ENC 1101 offered within a term.

Sequence: a series of courses within the same subject area. Generally, the student takes these courses in numerical order (e.g., PHY 2053C then PHY 2054C). Students should consult the advisor before registering out of sequence.

STEP: State Tuition Exemption Program

SUS: State University System. All twelve Florida public universities are part of the SUS.

Term: the academic year at UCF is divided into segments called "terms" (also called "semesters"). Each lasts approximately 16 weeks. Some universities break the year into fourths and call them "quarters." UCF is on the semester system; however, we usually speak of "Fall Term," "Spring Term," or "Summer Sessions."

Term GPA: grade point average (GPA) on work attempted during any given term.

Third Attempt Charge: see "Repeat Surcharge."

Track: one of two or more significant variations in a degree program or major. Approximately 50% of the courses in one track differ from the courses required in other tracks.

Transcript: official academic record from the Registrar's Office.

TSD: Accelerated education opportunities.

TSR: Transfer Summary Report is a listing of all coursework transferring to the University for credit. A preliminary TSR is generated at the time of acceptance. A final TSR is processed after all final transcripts have been received by the Admissions Office.

Transient Student: a UCF student enrolled in courses at another accredited institution recognized by UCF, or a student from another accredited institution recognized by UCF enrolled in courses at UCF.

UCF Connect Campus System: UCF Altamonte Springs, UCF Cocoa, UCF Daytona Beach, UCF Leesburg, UCF Ocala, UCF Palm Bay, UCF Sanford/Lake Mary, UCF South Lake, UCF Valencia East, UCF Valencia Osceola, and UCF Valencia West.

UCF GPA: grade point average (GPA) on all work attempted while in attendance at UCF.

UCF ID: (UCF IDentification number): personal seven-digit number required as a unique identifier for each student.

UGRD: College of Undergraduate Studies

Upper Level Courses: courses with a course number of 3000-4999.

VARC: Veterans Academic Resource Center providing GI Bill educational benefit certification and academic support programs, including supplemental instruction, tutoring, academic advising, career advising, student accommodation services, counseling services, and various other programs and services for student veterans.

Withdrawal, to Withdraw from a Course: to formally request an official departure from one or more courses during the first half of the term or session through myUCF (my.ucf.edu) or at the Registrar's Office. Students who withdraw from a class are still responsible for tuition and fees for that withdrawn course.

Courses

ACG - Accounting General

ACG2021 - Principles of Financial Accounting

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Earn a minimum grade of C in each of the following:
 - Course Not Found

Course Description

Nature of accounting, financial statements, the accounting cycle, assets, current liabilities, long-term debt, and owner's equity; accounting for proprietorships and corporations.

College

College of Business Administration

Department

Kenneth G Dixon School of Accounting

ACG2021H - Honors Principles of Financial Accounting

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Complete all of the following
 - Earn a minimum grade of C in each of the following:
 - Course Not Found
 - And Consent of Honors

Course Description

Nature of accounting, financial statements, the accounting cycle, assets, current liabilities, long-term debt, and owner's equity; accounting for proprietorships and corporations. Honors level.

College

College of Business Administration

Department

Kenneth G Dixon School of Accounting

ACG2071 - Principles of Managerial Accounting
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ACG 2021 with a "C" (2.0) or better.

Course Description

The purpose of this class is to thoroughly familiarize the student with the various uses of accounting information for planning and control.

College

College of Business Administration

Department

Kenneth G Dixon School of Accounting

ACG3131 - Intermediate Financial Accounting I
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Pre-Accounting or Pre-Finance major or Accounting minor & ACG 2021 & ACG 2071 each with a grade of "C" (2.0) or better.

Course Description

Technical knowledge about accounting measurement and disclosure, as well as how financial statements are analyzed and interpreted by external users.

College

College of Business Administration

Department

Kenneth G Dixon School of Accounting

ACG3141 - Intermediate Financial Accounting II**Credits Hours**

3

Prerequisites

- Junior standing, Accounting major or minor, ACG 3131 with a grade of "B" (3.0) or better.

Prerequisites/Corequisites

- QMB 3602 Business Research for Decision Making

Course Description

Accounting theory and practice related to preparation, and interpretation of external financial statements.

College

College of Business Administration

Department

Kenneth G Dixon School of Accounting

ACG3173 - Accounting for Decision-Makers**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Pre-Business (except Pre-Accounting) major & ACG 2021 & ACG 2071 each with a grade of "C" (2.0) or better.

Course Description

Explores the use of financial statements and managerial accounting in support of business decisions. The tax environment on businesses is also explored.

College

College of Business Administration

Department

Kenneth G Dixon School of Accounting

ACG3361 - Cost Accounting I
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing, Accounting major or minor, ACG 3131 with a grade of "B" (3.0) or better.

Course Description

Theory and practice of using accounting information for managerial planning, and control as well as in costing, and pricing decisions.

College

College of Business Administration

Department

Kenneth G Dixon School of Accounting

ACG3501 - Financial Accounting for Governmental and Nonprofit Organizations
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing, Accounting major or minor, ACG 3131 with a grade of "B" (3.0) or better.

Course Description

Application of financial accounting for governmental and nonprofit organizations.

College

College of Business Administration

Department

Kenneth G Dixon School of Accounting

ACG4401C - Accounting Information Systems**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- Junior standing, Accounting major or minor, ACG 3131 with a grade of "B" (3.0) or better.

Course Description

Manual and computer-based accounting information systems.

College

College of Business Administration

Department

Kenneth G Dixon School of Accounting

ACG4651 - Auditing**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing, Accounting major or minor, ACG 3141 and ACG 4401C with a grade of "C" (2.0) or better.

Course Description

The standards, practices, and procedures followed in the audit function.

College

College of Business Administration

Department

Kenneth G Dixon School of Accounting

ACG4671 - Internal Auditing
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing, Accounting major or minor, ACG 3141 and ACG 4401C with a grade of "C" (2.0) or better.

Course Description

Theory and practice of internal auditing and the use of internal auditing in organizational control.

College

College of Business Administration

Department

Kenneth G Dixon School of Accounting

ACG4803 - Advanced Issues in Financial Accounting
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing, Accounting major or minor, ACG 3141 with a grade of "C" (2.0) or better.

Course Description

Advanced issues in financial accounting, including consolidations and IFRS.

College

College of Business Administration

Department

Kenneth G Dixon School of Accounting

ACG4840 - Accounting Analytics
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing, Accounting major or minor, QMB 3602 with a grade of "C" (2.0) or better.

Course Description

Develop the skill set needed to extract value from big data through advanced analytics and emerging technologies in an accounting, auditing, and tax environment.

College

College of Business Administration

Department

Kenneth G Dixon School of Accounting

ADE - Adult Education

ADE4382 - Teaching Adult Learners in Technical Programs
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Course Description

Planning for and teaching of adult learners in formal & informal career and technical education program settings.

College

College of Community Innovation and Education

Department

Department of Educational Leadership & Higher Education

ADV - Advertising

ADV3001 - Advertising Strategy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ADV 3008, and Ad-PR major or Strategic Communication minor.

Course Description

Overview of the planning process to develop a successful strategic, persuasive communication plan such as an advertising, integrated marketing communications or social marketing campaign.

College

College of Sciences

Department

Nicholson School of Communication and Media

ADV3008 - Principles of Advertising**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPC 1608, or SPC 1603C, or COM 1000.

Course Description

Overview of the field of advertising; purposes, techniques, the role of agencies, advertisers and the media.

College

College of Sciences

Department

Nicholson School of Communication and Media

ADV4101 - Advertising Copywriting
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Ad-PR majors only and ADV 3008 and PUR 4000.

Course Description

Advertising copywriting teaches the development of creative strategies for advertising and emphasizes writing for various ad media.

College

College of Sciences

Department

Nicholson School of Communication and Media

ADV4103 - Radio-Television Advertising
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- R-TV or Ad-PR Majors or Mass Comm. minors only and ADV 3008 or C.I.

Course Description

Radio and television advertising sales, including interpretation of rate structures, program audiences, and creative approaches to sponsor needs.

College

College of Sciences

Department

Nicholson School of Communication and Media

ADV4300 - Advertising Media Planning
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ADV 3008 and Ad-PR major.

Course Description

Media planning and buying, including basic media terms, calculations, and resources.

College

College of Sciences

Department

Nicholson School of Communication and Media

ADV4903H - Honors Directed Reading I
Credits Hours

1 - 99

College

College of Sciences

Department

Nicholson School of Communication and Media

ADV4906 - Independent Study
Credits Hours

1 - 99

College

College of Sciences

Department

Nicholson School of Communication and Media

ADV4912 - Research
Credits Hours

0 - 99

College

College of Sciences

Department

Nicholson School of Communication and Media

ADV4941 - Internship**Credits Hours**

1 - 99

College

College of Sciences

Department

Nicholson School of Communication and Media

ADV4970H - Honors Undergrad Thesis**Credits Hours**

1 - 99

College

College of Sciences

Department

Nicholson School of Communication and Media

AFA - African American Studies

AFA3006 - The African Diaspora: Theories and Movements**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102.

Course Description

Provides a broad understanding of the cultural, social, and political experiences that define the African Diaspora.

College

College of Arts and Humanities

Department

Department of History

AFA3102 - Introduction to Africana Studies: A Multidisciplinary Approach**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102.

Course Description

Key issues and methodologies in Africana Studies featuring presentations by representative faculty from various disciplines.

College

College of Arts and Humanities

Department

Department of History

AFA3104 - The Black Intellectual Experience**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102.

Course Description

Interdisciplinary examination of major texts, theories, practices and philosophic foundations in Black intellectual and cultural history.

College

College of Arts and Humanities

Department

Department of History

AFA3300 - African-American and Caribbean Music
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102.

Course Description

Explore music written and made popular by African Americans and Caribbean artists.

College

College of Arts and Humanities

Department

Department of History

AFA3371 - Evolution of Hip Hop
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or C.I.

Course Description

An historical analysis of Hip Hop from its African roots to the present with emphasis on the socio-political implications of this phenomenon.

College

College of Arts and Humanities

Department

Department of History

AFA3371H - Honors Evolution of Hip Hop
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Consent of Honors.

Course Description

Historical analysis of Hip Hop from its African roots to the present with emphasis on the socio-political implications of this phenomenon. With Honors content.

College

College of Arts and Humanities

Department

Department of History

AFA3850 - Researching Africana Heritage and Life
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or C.I.

Course Description

Principles and processes of researching contributions of traditional Africana people and communities.

College

College of Arts and Humanities

Department

Department of History

AFA3955 - Study Abroad in the Caribbean
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or C.I.

Course Description

Interdisciplinary study abroad program focuses on the arts and humanities of African diasporic cultures in the Caribbean.

College

College of Arts and Humanities

Department

Department of History

AFA4105 - Documenting Africana Heritage and Life
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or C.I.

Course Description

Principles and research in the process of documenting Africana heritage and life.

College

College of Arts and Humanities

Department

Department of History

AFA4242 - Contemporary Issues in Africana Studies
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or C.I.

Course Description

Contemporary topics, emerging crises, shifting trends, and developments in the Africana Diaspora.

College

College of Arts and Humanities

Department

Department of History

AFH - African History

AFH3100 - African History to 1870
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- C.I.

Course Description

Sub-Saharan African institutions and peoples from the earliest time until 1870.

College

College of Arts and Humanities

Department

Department of History

AFH3200 - African History Since 1870**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- C.I.

Course Description

Sub-Saharan African history from 1870 to the present.

College

College of Arts and Humanities

Department

Department of History

AFH3458 - History of South Africa 1652-present**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of 'C' (2.0) or better in ENC 1102 or WOH 2022, or C.I.

Course Description

The history of South Africa from 1652 to the present; topics include colonization and colonialism, African resistance and independence, Apartheid, and the post-Apartheid period.

College

College of Arts and Humanities

Department

Department of History

AFR - Air Force ROTC

AFR1101 - Heritage and Values of the United States Air Force I
Credits Hours

1

Lab/Studio/Field Work Hours

0

Prerequisites

- Consent of Air Force ROTC.

Course Description

History, mission, organization, and doctrine of the United States Air Force and a study of U.S. Strategic Offensive and Defensive Forces. Hands on training required in accordance with the AFROTC program.

College

College of Engineering and Computer Science

Department

Reserve Officer Training Corp: Air Force ROTC

AFR1111 - Heritage and Values of the United States Air Force II
Credits Hours

1

Lab/Studio/Field Work Hours

0

Prerequisites

- Consent of Air Force ROTC.

Course Description

A brief review of the Army, Navy, and Marine forces. An introduction to special operations and counterinsurgency.

College

College of Engineering and Computer Science

Department

Reserve Officer Training Corp: Air Force ROTC

AFR2130 - Team and Leadership Fundamentals I
Credits Hours

1

Lab/Studio/Field Work Hours

0

Prerequisites

- Consent of Air Force ROTC.

Course Description

A study of the development of air power from experiments by 18th-century balloonists to the achievement of combat air power capabilities during World War II. Hands-on training required in accordance with the AFROTC program.

College

College of Engineering and Computer Science

Department

Reserve Officer Training Corp: Air Force ROTC

AFR2131 - Team and Leadership Fundamentals II
Credits Hours

1

Lab/Studio/Field Work Hours

0

Prerequisites

- Consent of Air Force ROTC.

Course Description

A study of the development of aerospace capabilities since World War II, highlighting technological advancements and the role of aerospace power in the contemporary world.

College

College of Engineering and Computer Science

Department

Reserve Officer Training Corp: Air Force ROTC

AFR3220 - Leading People and Effective Communication I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Consent of Air Force ROTC.

Course Description

An introductory study of Air Force management fundamentals, communications skills, and basic leadership styles. Hands-on training required in accordance with the AFROTC program.

College

College of Engineering and Computer Science

Department

Reserve Officer Training Corp: Air Force ROTC

AFR3230 - Leading People and Effective Communication II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AFR 3220 and Consent of Air Force ROTC.

Course Description

A concluding study of Air Force management fundamentals, including performance evaluation skills.

College

College of Engineering and Computer Science

Department

Reserve Officer Training Corp: Air Force ROTC

AFR4201 - National Security Affairs and Prep for Active Duty I
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AFR 3220 and Consent of Air Force ROTC.

Course Description

Examination of the military and its role in American society. A study of the framework and formation of defense strategy. Hands-on training required in accordance with the AFROTC program.

College

College of Engineering and Computer Science

Department

Reserve Officer Training Corp: Air Force ROTC

AFR4210 - National Security Affairs/Preparation for Active Duty II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AFR 4201 and Consent of Air Force ROTC.

Course Description

An examination of defense implementation and its impact on the decision-making process. A study of the military justice system and its protection of individual rights.

College

College of Engineering and Computer Science

Department

Reserve Officer Training Corp: Air Force ROTC

AMH - American History

AMH1070 - Florida: People, Places, and History**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

An introduction to Florida, focusing on the state's History and its place in the world.

College

College of Arts and Humanities

Department

Department of History

AMH2010 - U.S. History: 1492-1877**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Survey of U.S. History from 1492-1877.

College

College of Arts and Humanities

Department

Department of History

AMH2010H - Honors U.S. History: 1492-1877**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Consent of Honors.

Course Description

Survey of U.S. History from 1492-1877.

College

College of Arts and Humanities

Department

Department of History

AMH2020 - U.S. History: 1877-Present
Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

Survey of U.S. History from 1877 to the present. May be taken before AMH 2010.

College

College of Arts and Humanities

Department

Department of History

AMH2020H - Honors U.S. History: 1877-Present
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Permission of Honors and AMH 2010 or C.I.

Course Description

Survey of U.S. History from 1877 to the present. May be taken before AMH 2010. Honors-level content.

College

College of Arts and Humanities

Department

Department of History

AMH3370 - Capitalism & Democracy in US History**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2020

Course Description

An introduction to the economic development of the U.S., with emphasis on agriculture, labor, industrialization, transportation, and banking.

College

College of Arts and Humanities

Department

Department of History

AMH3402 - History of the South to 1865**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 or AMH 2020 or C.I.

Course Description

Development of the southern colonies, beginning sectionalism, the cotton economy, and slavery, Calhoun's constitutional theories, secession, Civil War and its aftermath.

College

College of Arts and Humanities

Department

Department of History

AMH3403 - History of the South Since 1865**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 and AMH 2020, or C.I.

Course Description

Reconstruction, the "solid South" and the racial dilemma, progressivism for whites only, southern literature, 20th-century economic, political and social changes, and the new Reconstruction.

College

College of Arts and Humanities

Department

Department of History

AMH3422 - Frontier Florida**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 and AMH 2020 or C.I.

Course Description

History of Florida from U.S. territory until post-war industrialization.

College

College of Arts and Humanities

Department

Department of History

AMH3425 - Sunbelt Florida
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 and AMH 2020 or C.I.

Course Description

History of Florida from post-war industrialization to the present.

College

College of Arts and Humanities

Department

Department of History

AMH3441 - History of the Frontier: Eastern America
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 and AMH 2020 or C.I.

Course Description

The progression of the westward movement from the colonial settlements to the Mississippi, considered as an interpretive approach to American history.

College

College of Arts and Humanities

Department

Department of History

AMH3442 - History of the Frontier: Western America
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 and AMH 2020, or C.I.

Course Description

The development of the trans-Mississippi West and its impact upon American history.

College

College of Arts and Humanities

Department

Department of History

AMH3483 - History of Florida Indians
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 or AMH 2020.

Course Description

Enhances understanding of Indian peoples living in the vicinity of present-day Florida from the pre-colonial period to the present.

College

College of Arts and Humanities

Department

Department of History

AMH3541 - U. S. Military History To 1900**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 and AMH 2020.

Course Description

U.S. military history from the colonial period to 1900 focusing on the creation of American military institutions, conduct of war, and influence on society.

College

College of Arts and Humanities

Department

Department of History

AMH3547 - U.S. Military History Since 1900**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 and AMH 2020, or C.I.

Course Description

U. S. military history since 1900 emphasizing civil-military relations, warfare, and military developments.

College

College of Arts and Humanities

Department

Department of History

AMH3558 - History of American Law
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 and AMH 2020, or EUH 2000 and EUH 2001.

Course Description

The social, political, and economic significance of the law as a historic process in America.

College

College of Arts and Humanities

Department

Department of History

AMH3560 - Women, Law, and Society in American History
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010, AMH 2020, or C.I.

Course Description

Examines the intersection of women and law in American History from the Colonial era to the present.

College

College of Arts and Humanities

Department

Department of History

AMH3561 - Women in American History I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010, AMH 2020.

Course Description

Examines women in indigenous, colonial, African-American slave and free societies, Republican Motherhood, impact of industrialization on women's roles, and emergence of women's rights movement.

College

College of Arts and Humanities

Department

Department of History

AMH3562 - Women in American History II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010, AMH 2020 or C.I.

Course Description

Examines industrialization, entry of women into higher education and professions, winning of suffrage, changing profile of female wage earner, and rise of modern feminist movement.

College

College of Arts and Humanities

Department

Department of History

AMH3571 - Black American History I
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010, AMH 2020 or C.I.

Course Description

History of Black Americans from Africa, to slavery, to freedom and its limits in pre-World War I America.

College

College of Arts and Humanities

Department

Department of History

AMH3572 - Black American History II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010, AMH 2020 or C.I.

Course Description

A history of Black America in the Twentieth Century and the continuing struggle for equality in America.

College

College of Arts and Humanities

Department

Department of History

AMH3580 - North American Indians**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 and AMH 2020.

Course Description

History of North American Indians and their relations with the United States from the 18th century to the present.

College

College of Arts and Humanities

Department

Department of History

AMH3586 - History of Latinos in the U.S.**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2020

Course Description

Course begins with 16th century through the modern period. Special emphasis on Chicanos, Puerto Ricans, and Cubans.

College

College of Arts and Humanities

Department

Department of History

AMH3611 - Sport in America Since 1945**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010, AMH 2020 or C.I.

Course Description

American sport emphasizing the development of professional and collegiate sport since 1945.

College

College of Arts and Humanities

Department

Department of History

AMH3800 - Canadian History**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Canada since Colonial times and the present, but with emphasis on the period since the British North America Act, 1867.

College

College of Arts and Humanities

Department

Department of History

AMH4110 - Colonial America, 1607-1763**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 and AMH 2020, or C.I.

Course Description

The voyages of discovery, the origins of the thirteen colonies, and their political, economic, social, and religious life in the 17th and 18th centuries.

College

College of Arts and Humanities

Department

Department of History

AMH4112 - The Atlantic World**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- C.I.

Course Description

The impact and transforming effect of the Atlantic System on the peoples of Western Europe, Western Africa, the Caribbean and the Americas.

College

College of Arts and Humanities

Department

Department of History

AMH4130 - The Age of the American Revolution, 1763-1789**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 and AMH 2020, or C.I.

Course Description

The American Revolution - its origins, course, and impact upon American society - the Articles of Confederation, the Philadelphia Convention and its work.

College

College of Arts and Humanities

Department

Department of History

AMH4140 - Jeffersonian America**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 and AMH 2020, or C.I.

Course Description

The Confederation era, the Federalists, Jeffersonian Democracy, and the War of 1812.

College

College of Arts and Humanities

Department

Department of History

AMH4160 - Jacksonian America
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 and AMH 2020, or C.I.

Course Description

The risk of American nationalism, Jacksonian Democracy, the Mexican War, and sectional conflict.

College

College of Arts and Humanities

Department

Department of History

AMH4170 - Civil War and Reconstruction
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 and AMH 2020, or C.I.

Course Description

Reconstruction, and impact of industrialism.

College

College of Arts and Humanities

Department

Department of History

AMH4201 - The Gilded Age and Progressivism**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 and AMH 2020, or C.I.

Course Description

The Rise of Industrialized and Urbanized America, The emergence of the New South and the New West, the Populist Movement, overseas expansion, Progressivism.

College

College of Arts and Humanities

Department

Department of History

AMH4231 - United States History: 1914-1939**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 and AMH 2020, or C.I.

Course Description

The progressive reforms of Woodrow Wilson, World War I, post-war prosperity, the Depression, the New Deal, and the coming of World War II.

College

College of Arts and Humanities

Department

Department of History

AMH4270 - United States History: 1939-1960**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 and AMH 2020, or C.I.

Course Description

World War II, the Cold War and America in the fifties.

College

College of Arts and Humanities

Department

Department of History

AMH4273 - U. S. History Since 1960**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 and AMH 2020 or C.I.

Course Description

Civil rights and Women's Liberation Movements, Vietnam War, Watergate, the decline of liberalism and the rise of conservatism, end of the Cold War.

College

College of Arts and Humanities

Department

Department of History

AMH4311 - American Culture I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 and AMH 2020, or C.I.

Course Description

The European Backgrounds: Puritanism; Enlightenment; the Great Awakening; Revolutionary Thought: Romanticism; the Southern Mind and the Yankee Response; Popular Culture and the rise of recreation.

College

College of Arts and Humanities

Department

Department of History

AMH4344 - American Car Culture**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 and AMH 2020 or C.I.

Course Description

An interdisciplinary examination of American history and the emergence of car culture from the late nineteenth-century.

College

College of Arts and Humanities

Department

Department of History

AMH4345 - History of American Tourism**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of 'C' (2.0) or better in ENC 1102 or AMH 2020, or C.I.

Course Description

Historical relationship between tourism and the United States as both tourist site and exporter of tourists, through primary sources.

College

College of Arts and Humanities

Department

Department of History

AMH4375 - Technology and US Culture**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 or AMH 2020.

Course Description

Examines the history of technology in the United States, its impact on society, and society's impact on technological development.

College

College of Arts and Humanities

Department

Department of History

AMH4376 - U.S. Space History
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 and AMH 2020, or C.I.

Course Description

Post World War II US rocketry and space travel with focus on the role of Cape Canaveral/Kennedy Space Center.

College

College of Arts and Humanities

Department

Department of History

AMH4510 - Rise of the United States to World Power, 1776-1914
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 and AMH 2020, or C.I.

Course Description

The evolution of basic American policies. American expansion. America's major wars, and the emergence of America as a world power.

College

College of Arts and Humanities

Department

Department of History

AMH4512 - US Foreign Relations from the Founding Era to World War II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 and AMH 2020, or C.I.

Course Description

U.S. foreign relations from the Founding era to the end of World War II, with focus on the two world wars.

College

College of Arts and Humanities

Department

Department of History

AMH4513 - US Foreign Relations: Close of World War II to the Present
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2020 or C.I.

Course Description

U.S. foreign relations from the end of World War II to the present day.

College

College of Arts and Humanities

Department

Department of History

AMH4573 - Black Militancy in the 20th Century**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 and AMH 2020 or C.I.

Course Description

The rise and development of black militant organizations and how these groups have been influenced by hostile foreign entities.

College

College of Arts and Humanities

Department

Department of History

AMH4575 - History of the Civil Rights Movement**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: Grade of C (2.0) or better required in ENC 1102 or AMH 2020, or C.I.

Course Description

History of the African-American Civil Rights Movement from 19th century origins to 1960s victories to today, through analysis of social and cultural primary sources.

College

College of Arts and Humanities

Department

Department of History

AMH4594 - Laser Scanning America's Past
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of 'C' (2.0) or better in ENC 1102 or AMH 2020, or C.I.

Course Description

The recording of a structure's "life history," combining laser scans and digital data with photographs, documents, and oral histories of individuals associated with the building.

College

College of Arts and Humanities

Department

Department of History

AMH4594H - Honors Laser Scanning America's Past
Credits Hours

3

Lab/Studio/Field Work Hours

1.5

Prerequisites

- ENC 1102 or Consent of Honors.

Course Description

Recording a structure's "life history," combining laser scans and digital data with photographs, documents, and oral histories of individuals associated with the building. With honors content.

College

College of Arts and Humanities

Department

Department of History

AMH4644 - Viewing American History in the Twentieth Century**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 and AMH 2020 or C.I.

Course Description

Examination of television, film, comics, and other popular media as primary sources in the study of U.S. History in the 20th Century.

College

College of Arts and Humanities

Department

Department of History

AMH4650 - History of U.S. Aviation**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 or AMH 2020.

Course Description

Aviation development in the United States and its role in American culture.

College

College of Arts and Humanities

Department

Department of History

AMH4680 - Women in American Science
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 or AMH 2020.

Course Description

Examines how American society uses Western ideas about sex and gender to define women's roles in science and their influence on their fields.

College

College of Arts and Humanities

Department

Department of History

AML - American Literature

AML3031 - American Literature I
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENC 1102 .

Course Description

Major American writers from beginning through Whitman.

College

College of Arts and Humanities

Department

Department of English

AML3041 - American Literature II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENC 1102.

Course Description

Major American writers from Twain to present.

College

College of Arts and Humanities

Department

Department of English

AML3076 - Topics in American Literature
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: Grade of C (2.0) or better required in ENC 1102 or C.I.

Course Description

Linguistic, literary, and cultural elements of American writing through various time periods and genres.

College

College of Arts and Humanities

Department

Department of English

AML3261 - Literature of the South**Credits Hours**

3

Prerequisites

- Grade of "C" (2.0) or better in ENC 1102 or equivalent.

Course Description

Development of Southern literature from its beginnings in the "Old South" through the post-Civil War and the Southern Renaissance to the present. Emphasizes readings from writers such as Poe, Chopin, Faulkner, Porter, Williams, O'Connor, Percy, and Styron.

College

College of Arts and Humanities

Department

Department of English

AML3273 - Beat Literature and Other Mid-Century Writers**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENC 1102 or C.I.

Course Description

Study of the poetry and prose of the Beat Literary Movement of the 1950s and 1960s and other American Writers of that period.

College

College of Arts and Humanities

Department

Department of English

AML3283 - Contemporary American Women's Fiction**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENC 1102.

Course Description

Examines how novels and short stories by contemporary U.S. women define identity from diverse woman-centered and feminist perspectives.

College

College of Arts and Humanities

Department

Department of English

AML3286 - Early American Women's Words**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in ENC 1102 or C.I.

Course Description

Women's writings in the Americas from the 17th century through the mid-19th century.

College

College of Arts and Humanities

Department

Department of English

AML3613 - Narratives of Slavery**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENC 1102.

Course Description

Literary representations of New World slavery in the past and the present.

College

College of Arts and Humanities

Department

Department of English

AML3614 - Topics in African-American Literature**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENC 1102.

Course Description

Literature by and about African-American culture in the United States.

College

College of Arts and Humanities

Department

Department of English

AML3615 - Harlem, Haiti, and Havana
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENC 1102.

Course Description

A comparative approach to African American and Caribbean writers, focusing on literary styles, historical contexts, and themes such as nationalism, popular music, and folk religion.

College

College of Arts and Humanities

Department

Department of English

AML3640 - Native American Literature
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENC 1101 and ENC 1102.

Course Description

Native American genres, including traditional oral narratives, ritual and contemporary poetry, autobiography, and the novel.

College

College of Arts and Humanities

Department

Department of English

AML3643 - Contemporary Native American Prose and Poetry
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in ENC 1102 or C.I.

Course Description

American Indian fiction, non-fiction, and poetry since 1970.

College

College of Arts and Humanities

Department

Department of English

AML3682 - Ethnic Literature in America
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in ENC 1102 or C.I.

Course Description

Contributions of linguistic and ethnic groups of non-English origin to the literature of the United States.

College

College of Arts and Humanities

Department

Department of English

AML3682H - Honors Ethnic Literature in America
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Permission of Honors and ENC 1102H or equivalent credit.

Course Description

Contributions of linguistic and ethnic groups of non- English origin to the literature of the United States. Honors content.

College

College of Arts and Humanities

Department

Department of English

AML4101 - American Novel
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENC 1102 and ENG 3014.

Course Description

Analysis of major American novelists.

College

College of Arts and Humanities

Department

Department of English

AML4155 - Modern American Poetry**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENG 3014.

Course Description

Major American poets of the modern (1900-1950) period.

College

College of Arts and Humanities

Department

Department of English

AML4265 - Florida Writers**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENC 1102 and ENG 3014.

Course Description

This course will examine writers who have lived in and written about Florida, such as Hemingway, Rawlings, Hurston, and Stevens.

College

College of Arts and Humanities

Department

Department of English

AML4300 - Major American Authors
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENG 3014.

Course Description

A comprehensive study of selected major American literary figures.

College

College of Arts and Humanities

Department

Department of English

AML4321 - Modern American Literature
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENG 3014.

Course Description

Major writers of modern American literature.

College

College of Arts and Humanities

Department

Department of English

AML4630 - Latino/Latina Literature
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENG 3014.

Course Description

U.S. literature by writers from Latino and Latina backgrounds.

College

College of Arts and Humanities

Department

Department of English

ANT - Anthropology

ANT2000 - General Anthropology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

An introductory survey of the four major subfields of anthropology: Cultural Anthropology, Biological Anthropology, Linguistics, and Archaeology.

College

College of Sciences

Department

Department of Anthropology

ANT2000H - Honors General Anthropology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Permission of Honors.

Course Description

Extensive honors work in the field of anthropology. Expectations, requirements, and standards are greater than for standard General Anthropology.

College

College of Sciences

Department

Department of Anthropology

ANT2140 - Introduction to Archaeology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Introduction to the history of archaeological thought, theories, methods, and events in the development of human society from early modern humans to the first civilizations.

College

College of Sciences

Department

Department of Anthropology

ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

An introduction to human diversity as exemplified among various cultures and ethnic groups.

College

College of Sciences

Department

Department of Anthropology

ANT2511 - The Human Species**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Human biological variation in an evolutionary perspective.

College

College of Sciences

Department

Department of Anthropology

ANT2511H - Honors The Human Species**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Permission of Honors.

Course Description

Human biological variation in an evolutionary perspective.

College

College of Sciences

Department

Department of Anthropology

ANT3010 - Digging Up Disney: An Archaeology of Walt Disney World, FL**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ANT 2000 or equivalent.

Course Description

Examination of the culture of Walt Disney World Theme Parks using method and theory from the sub-disciplines of anthropology: biological, archaeology, linguistics, and cultural.

College

College of Sciences

Department

Department of Anthropology

ANT3016 - Fantastic Archaeology and Pseudoscience**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ANT 2000 or CI

Course Description

Examination of pseudoscience, cult archaeology, and creationism from a scientific perspective. Adherence to scientific investigation uncovers prehistoric facts that are more interesting than myth.

College

College of Sciences

Department

Department of Anthropology

ANT3017 - Muggle Studies: The Anthropology of Harry Potter**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ANT 2000 or equivalent

Course Description

The characters and settings of Harry Potter are used to explore and discuss contemporary social issues and anthropological concepts.

College

College of Sciences

Department

Department of Anthropology

ANT3026 - Mummies, Zombies, and Vampires: Anthropology of the Undead**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore standing.

Course Description

Anthropological exploration into the phenomenon of the undead (namely, zombies, vampires and mummies) and our fascination with this subject.

College

College of Sciences

Department

Department of Anthropology

ANT3052 - Disaster Anthropology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore Standing or C.I.

Course Description

Explores the part culture and society plays in manufacturing vulnerability and the increasingly central role anthropologists play in disaster analysis, mitigation, and research.

College

College of Sciences

Department

Department of Anthropology

ANT3082 - New Frontiers: Anthropology of Space
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ANT 2000 or equivalent

Course Description

Examine the basic physiological, social and cultural challenges facing human space travel and settlement

College

College of Sciences

Department

Department of Anthropology

ANT3106 - Archaeology and Popular Culture
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore standing.

Course Description

How the ancient past and archaeology appear in popular culture and are manipulated and used by modern societies.

College

College of Sciences

Department

Department of Anthropology

ANT3107 - Blood and Valor in the Viking World**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore standing, or C.I.

Course Description

Examines anthropological and archaeological themes of Norse daily life, belief systems, mortuary treatment, material culture, and culture contact among Viking Age societies

College

College of Sciences

Department

Department of Anthropology

ANT3142 - Old World Prehistory**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore Standing.

Course Description

A comparative study of social evolution in Africa, Europe, and Asia from the earliest humans to the beginnings of recorded history.

College

College of Sciences

Department

Department of Anthropology

ANT3145 - Archaeology of Complex Societies**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ANT 2140 or C.I.

Course Description

Theoretical perspectives on ancient hierarchies of power.

College

College of Sciences

Department

Department of Anthropology

ANT3148 - Life and Death in Ancient Egypt**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore standing.

Course Description

Use of archaeology and physical anthropology to examine the lives and death of both common citizens and royalty in Ancient Egypt (3200 BCE-AD 600).

College

College of Sciences

Department

Department of Anthropology

ANT3152 - Archaeology of the Greater Southwest**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore Standing or C.I.

Prerequisites/Corequisites

- ANT2140

Course Description

The precolumbian history of the Native peoples of the U.S. Southwest, from the region's first colonists to indigenous populations of the Contact era.

College

College of Sciences

Department

Department of Anthropology

ANT3154 - A Survey of American Historical Archaeology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore Standing or C.I.

Course Description

Examines historical archaeology of the United States from the arrival of Europeans through the early 20th century to understand America's history using archaeological principles.

College

College of Sciences

Department

Department of Anthropology

ANT3157 - First Peoples of the Caribbean
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ANT 2000, ANT 2140, ANT 2410, or ANT 2511 or C.I.

Course Description

A survey of the archaeology of the indigenous people of the West Indies.

College

College of Sciences

Department

Department of Anthropology

ANT3158 - Florida Archaeology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore standing.

Course Description

Florida prehistory from Paleo-Indian to European contact including archaeological periods, cultural areas, sites, and artifacts.

College

College of Sciences

Department

Department of Anthropology

ANT3160 - Americas Before Columbus
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore standing.

Course Description

Archaeological developments of North, Central, and South America from the hemisphere's initial peopling through the advent of European cultures.

College

College of Sciences

Department

Department of Anthropology

ANT3161 - Ancient Mexico: Aztec to Zapotec
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore Standing or C.I.

Course Description

Achievements of civilizations in Mexico (Olmec, Zapotec, Aztec) as well as lesser known archaeological cultures.

College

College of Sciences

Department

Department of Anthropology

ANT3163 - Mesoamerican Archaeology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore standing.

Course Description

An introduction to the prehistory of Mexico. Guatemala and upper Central America from earliest times through the Spanish conquest.

College

College of Sciences

Department

Department of Anthropology

ANT3164 - Ancient Incas**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore standing, or C.I.

Course Description

The ancient Inca civilization, including examination of pre-Inca cultures and modern Andeans. Uses archaeological, ethnohistorical, historical, and contemporary anthropological sources.

College

College of Sciences

Department

Department of Anthropology

ANT3165 - Archaeology of South America**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ANT 2140, or C.I.

Course Description

Civilizations of South America from the last ten thousand years, focusing primarily on civilizations of the Andes and other areas.

College

College of Sciences

Department

Department of Anthropology

ANT3168 - Maya Archaeology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore standing.

Course Description

An examination of the Prehistoric Maya culture focusing on both the archaeology and current issues in the field.

College

College of Sciences

Department

Department of Anthropology

ANT3169 - Life and Death in the Ancient Andes**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ANT 2511 or Sophomore Standing.

Course Description

Demonstrates the potential of human skeletal remains for reconstructing past lifeways in the ancient Andean civilizations of South America (Peru and Bolivia).

College

College of Sciences

Department

Department of Anthropology

ANT3173 - Archaeology of Sex**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore standing. Image already added

Course Description

Cross-cultural concepts of sex, sexuality, and sexual intercourse throughout human history from an archaeological perspective.

College

College of Sciences

Department

Department of Anthropology

ANT3174 - Battlefield Archaeology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore Standing or C.I.

Course Description

Provide students an archaeological perspective of fields of combat and military infrastructure from the Classic period to the early 20th century.

College

College of Sciences

Department

Department of Anthropology

ANT3176 - African Archaeology and Prehistory**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 and Sophomore Standing

Course Description

Archaeological heritage of Africa, beginning with the emergence of modern humans and ending with the arrival of Europeans.

College

College of Sciences

Department

Department of Anthropology

ANT3177 - Archaeology of Caribbean Piracy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore standing.

Course Description

The profession of piracy in the context of Caribbean prehistory and archaeology.

College

College of Sciences

Department

Department of Anthropology

ANT3179 - Australian Archaeology and Indigenous Cultures**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore standing or C.I.

Course Description

Explore indigenous peoples, both past and present, through historical and maritime archaeology, as a means of unraveling the full breadth of Australia's rich indigenous cultures.

College

College of Sciences

Department

Department of Anthropology

ANT3212 - Peoples of the World**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore standing.

Course Description

A comparative study of religion, family, politics, philosophy, and other elements of socio-cultural organization of preliterate societies.

College

College of Sciences

Department

Department of Anthropology

ANT3241 - Magic, Ritual, and Belief**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore standing.

Course Description

Patterns in religious behavior in various societies, with primary emphasis on myth, rite, taboo, and festival social phenomena.

College

College of Sciences

Department

Department of Anthropology

ANT3245 - Native American Religions
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore standing.

Course Description

The religious beliefs of native New World peoples.

College

College of Sciences

Department

Department of Anthropology

ANT3246 - Religion in Ancient Societies
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ANT 2140

Course Description

Examination of religion in ancient societies, with a focus on hunting-gathering, early agricultural and early complex societies

College

College of Sciences

Department

Department of Anthropology

ANT3275 - Anthropological Perspectives on Refugees**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore standing or C.I.

Course Description

The culturally specific causes of refugee flows, responses to refugees, cultural issues refugees experience when they seek asylum, and resettlement experiences.

College

College of Sciences

Department

Department of Anthropology

ANT3290 - Anthropology of Plants and People**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ANT 2140 or Sophomore Standing.

Course Description

Anthropological perspectives involving the interactions between people and plants.

College

College of Sciences

Department

Department of Anthropology

ANT3302 - Sex, Gender and Culture
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore standing.

Course Description

The traditional and changing roles of women and men viewed in a cross-cultural perspective.

College

College of Sciences

Department

Department of Anthropology

ANT3311 - Indians of the Southeastern United States
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore standing.

Course Description

A study of the social and cultural history of the Indians of the Southeast.

College

College of Sciences

Department

Department of Anthropology

ANT3312 - Ethnology of North American Indians
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore standing.

Course Description

A survey of the aboriginal cultures of North America, with emphasis on the pre-contact cultural condition.

College

College of Sciences

Department

Department of Anthropology

ANT3330 - Anthropology of the Amazon
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore Standing or C.I.

Course Description

The historical ecology and archaeology of indigenous Amazonians, including evidence from archaeological, ethnographic and linguistic studies.

College

College of Sciences

Department

Department of Anthropology

ANT3362 - Peoples of Southeast Asia**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore standing.

Course Description

A survey of the peoples of Vietnam, Cambodia, Laos and Thailand from the anthropological perspective.

College

College of Sciences

Department

Department of Anthropology

ANT3451 - Race Matters: Anthropological Approaches to Racism**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: Sophomore Standing

Course Description

History of racism in the U.S. and around the globe, focusing on anthropological study of racism today particularly as it impacts African diaspora.

College

College of Sciences

Department

Department of Anthropology

ANT3538 - Ancient Plagues: Archaeological and Skeletal Evidence of Infectious Disease
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ANT 2000 or equivalent

Course Description

Exploration of infectious diseases through the textual, archaeological, and biological record.

College

College of Sciences

Department

Department of Anthropology

ANT3541 - Biobehavioral Anthropology

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore standing.

Course Description

An introduction to the study of human behavior in terms of mutual interaction between human biology and cultural environments.

College

College of Sciences

Department

Department of Anthropology

ANT3550C - Primatology**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- One of the following; ANT 2511, BSC 2010C, or C.I.

Course Description

Study of species from the Order Primates, including their morphology, ecology, behavior, and geographic distribution.

College

College of Sciences

Department

Department of Anthropology

ANT3610 - Language and Culture**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore standing.

Course Description

The study of language in a non-western setting; language and behavior; language and perception.

College

College of Sciences

Department

Department of Anthropology

ANT3701 - Engagement & Social Change: Public Anthropology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore Standing or C.I.

Course Description

Application of anthropological methods to current human problems such as the environment, migration, globalization and health.

College

College of Sciences

Department

Department of Anthropology

ANT3930 - First Peoples of the Caribbean**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ANT 2000, ANT 2140, ANT 2410, or ANT 2511 or Consent of Instructor.

Course Description

The culture history of the West Indies as understood through archaeology including how migration and local adaptation influenced economic systems, social organization, and arts.

College

College of Sciences

Department

Department of Anthropology

ANT3943 - Caribbean Archaeology Practicum
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Previous fieldwork is preferred, and C.I.

Course Description

Field archaeology by participating in field schools at prehistoric Lucayan sites on Eleuthera and/or Inagua Islands.

College

College of Sciences

Department

Department of Anthropology

ANT4013 - Anthropology of Fast Food
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ANT 2000 or ANT 2410 or C.I.

Course Description

Anthropological research on corporate fast food in diverse cultural settings.

College

College of Sciences

Department

Department of Anthropology

ANT4027 - Mummies, Life After Death**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ANT 2511 or C.I.

Course Description

Cultural practices/beliefs surrounding death; cultures/human concerns about body's decay after life, attempts to prevent decay and preserve bodies in life like state.

College

College of Sciences

Department

Department of Anthropology

ANT4034 - History of Anthropological Thought**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ANT 2410 or C.I.

Course Description

The exploration of the intellectual foundations of modern anthropology.

College

College of Sciences

Department

Department of Anthropology

ANT4051 - Environmental Anthropology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ANT 2140 or Junior Standing.

Course Description

Relationships between human cultures and societies and the environment from an anthropological perspective.

College

College of Sciences

Department

Department of Anthropology

ANT4081 - Science, Technology, and Culture
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: Sophomore Standing or C.I.

Course Description

This course critically examines how culture shapes science and technology and vice versa.

College

College of Sciences

Department

Department of Anthropology

ANT4105 - Saving the Plundered Past: Ethics and Controversy in Contemporary Archaeology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ANT 2140 or Junior Standing.

Course Description

Social, economic and political contexts surrounding contemporary archaeological research and interpretation, with emphasis on ethics, heritage management, and law.

College

College of Sciences

Department

Department of Anthropology

ANT4108 - Empire of Remains: Bioarchaeology of Ancient Rome

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ANT 2000 or equivalent.

Course Description

Use of bioarchaeology to examine the lives and deaths of everyday citizens in ancient Rome (3rd c. BCE – 5th c. CE)

College

College of Sciences

Department

Department of Anthropology

ANT4115C - Archaeological Method and Theory**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- ANT 2140 or C.I.

Course Description

A survey of archaeological field and laboratory techniques, including the interpretation of written archaeological reports.

College

College of Sciences

Department

Department of Anthropology

ANT4123 - Archaeology of Coastal Societies**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore Standing.

Course Description

Archaeological patterns of human adaptation to coastal environments across time and around the world.

College

College of Sciences

Department

Department of Anthropology

ANT4153 - North American Archaeology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore standing.

Course Description

The cultural development of Native North Americans from prehistoric times to the period of the first European contact.

College

College of Sciences

Department

Department of Anthropology

ANT4165 - Archaeology of Pre-Columbian South America**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ANT 2140

Course Description

Seminar course on archaeology in South America over the last 10,000 years, focusing on civilizations of the Andes, Amazon, Southern Cone, and other areas.

College

College of Sciences

Department

Department of Anthropology

ANT4170 - Household Archaeology: The Archaeology of Everyday Life**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore Standing.

Course Description

The archaeological student of households and the everyday lives of people associated with daily activities across time and throughout the world.

College

College of Sciences

Department

Department of Anthropology

ANT4171 - Anthropology: The Battle of the Sexes?: The Archaeology of Gender**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ANT 2140 or Sophomore Standing.

Course Description

Advances in archaeological research on gender, sexuality and social identity.

College

College of Sciences

Department

Department of Anthropology

ANT4178 - Archaeology of African American Life
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- (ANT 2000 or AFA 3102) and Sophomore Standing or C.I.

Course Description

Explores the archaeology of the African Diaspora in the Americas.

College

College of Sciences

Department

Department of Anthropology

ANT4183 - Archaeological Sciences
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- One of the following; ANT 2511, ANT 2140, CHS 3501, any 4000 level Criminal Justice course, or C.I.

Course Description

Methods and instrumentation routinely used in archaeology and forensic archaeology.

College

College of Sciences

Department

Department of Anthropology

ANT4184 - Mortuary Archaeology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ANT 2140 or ANT 2511, or C.I.

Course Description

Archaeological interpretations of death; basic data collection, skeletal analysis, and comparative study of mortuary ritual - both ancient and modern.

College

College of Sciences

Department

Department of Anthropology

ANT4187 - Paleoethnobotany
Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites

- ANT 2140, Junior standing.

Course Description

Provides students with knowledge and understanding of paleoethnobotany sufficient to understand, interpret, and evaluate plant data in archaeological, paleoecological, and contemporary research.

College

College of Sciences

Department

Department of Anthropology

ANT4189 - Lithic Analysis: Archaeology of Stone Tools**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ANT 2140

Course Description

The manufacture and analysis of flaked stone tools and examination of the ways lithic can enlighten us about human behavior.

College

College of Sciences

Department

Department of Anthropology

ANT4195C - A Pot for All Seasons: Archaeological Ceramic Analysis**Credits Hours**

3

Lab/Studio/Field Work Hours

1.5

Prerequisites

- ANT 2140

Course Description

The skills, knowledge, and ability to classify, analyze, and interpret ceramic artifacts commonly recovered from archaeological sites.

College

College of Sciences

Department

Department of Anthropology

ANT4332 - People and Cultures of Latin America**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- One of the following; ANT 2000, SYG 2000, PSY 2012, ANT 2410, or C.I.

Course Description

History and society of the peoples of Latin America, emphasizing patterns of subsistence and social organization.

College

College of Sciences

Department

Department of Anthropology

ANT4340 - Caribbean Cultures**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ANT 2000, ANT 2410, SYG 2000, PSY 2012, or C.I.

Course Description

Comparative study of peoples and cultures of the Anglophone, Francophone, Hispanophone, and Caribbean.

College

College of Sciences

Department

Department of Anthropology

ANT4352 - African Societies and Cultures**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ANT 2000 or SYG 2000 or C.I.

Course Description

Anthropological survey of Africa examining the social, cultural, and economic diversity of the continent over time.

College

College of Sciences

Department

Department of Anthropology

ANT4405 - The Anthropology of Sport**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ANT2000 or equivalent.

Course Description

Exploration of the ubiquitous, enduring and variegated human phenomenon of sport from an anthropological perspective.

College

College of Sciences

Department

Department of Anthropology

ANT4406 - Pain and Suffering: The Anthropology of Violence**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ANT 2511 or ANT 2410.

Course Description

Survey the phenomenon of violence in human societies by exploring anthropological perspectives and theories based in human evolutionary biology, archaeology, forensics, and ethnology.

College

College of Sciences

Department

Department of Anthropology

ANT4408 - Culture, Disease, and Healing**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore Standing or C.I.

Course Description

The role of culture in shaping the experience and perceptions of health, sickness, and wellbeing in a variety of contexts.

College

College of Sciences

Department

Department of Anthropology

ANT4441 - Anthropology of Cities
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ANT 2140 or Junior Standing.

Course Description

Cities in the past and present along with the activities and social systems that create them from an archaeological and anthropological perspective.

College

College of Sciences

Department

Department of Anthropology

ANT4462 - Medical Anthropology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore standing or C.I.

Course Description

Central concepts and methods in comparative contextualization of health, healing systems, suffering, distribution of risk, and use of medical technologies from physiological and biocultural perspectives.

College

College of Sciences

Department

Department of Anthropology

ANT4467 - Nutritional Anthropology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ANT 2511 or C.I.

Course Description

Psychological, biological, social, cultural, and environmental influences of food consumption and physiological status. Perspectives are cross-cultural, ecological and evolutionary.

College

College of Sciences

Department

Department of Anthropology

ANT4480 - Global Health in Anthropological Perspective**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore Standing or C.I.

Course Description

The exploration of current and emerging global health issues from an anthropological and cross-cultural perspective.

College

College of Sciences

Department

Department of Anthropology

ANT4481 - Anthropology of Drugs and Addiction**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore Standing, or C.I.

Course Description

Anthropological approaches of drugs and addiction in the U.S. and internationally as topics of cultural, political, economic, and health concerns.

College

College of Sciences

Department

Department of Anthropology

ANT4482 - Anthropology of Mental Health**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior Standing or any upper level course in Anthropology, Sociology, Psychology, or Social Work.

Course Description

Anthropological approaches to mental health and examines mental health and healing in cross-cultural perspective.

College

College of Sciences

Department

Department of Anthropology

ANT4483 - Health and Healing in the Ancient World: An Anthropological Perspective
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ANT 2511 or junior standing.

Course Description

A history of health and healing in the human past and how archaeologists can determine patterns and changes over time.

College

College of Sciences

Department

Department of Anthropology

ANT4486 - Anthropology of the Body
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- (ANT 2000 or ANT 2410) or equivalent.

Course Description

Critically examines the body from a cultural anthropological perspective

College

College of Sciences

Department

Department of Anthropology

ANT4516 - Human Biological Diversity
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ANT 2511 or BSC 2010C or C.I.

Course Description

Human biological variation and adaptation.

College

College of Sciences

Department

Department of Anthropology

ANT4521 - Forensic Anthropology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- One of the following; ANT 2511, CHS 3501, any 4000 level Criminal Justice class, or C.I.

Course Description

The study of human skeletal remains in relation to a legal context.

College

College of Sciences

Department

Department of Anthropology

ANT4525C - Human Osteology**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- One of the following; ANT 4521, ZOO 3713C, ZOO 3733C, or C.I.

Course Description

The scientific study of the human skeleton and the methodology and techniques involved in the anthropological assessment of skeletal remains.

College

College of Sciences

Department

Department of Anthropology

ANT4560 - Birth to Death: Anthropological Perspectives on Human Growth**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ANT 2511 or C.I.

Course Description

Evolutionary, ecological, historical and cultural perspectives on human growth, maturation, and aging.

College

College of Sciences

Department

Department of Anthropology

ANT4586C - Human Origins**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- ANT 2511 or C.I.

Course Description

The fossil evidence for human evolution from Miocene hominoids through the australopithecines and the earliest members of the genus Homo.

College

College of Sciences

Department

Department of Anthropology

ANT4591 - Quantitative Methods in Biological Anthropology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: STA 2014C or C.I.

Course Description

Biological anthropology methodological approaches to analyzing quantitative data, interpreting and writing results.

College

College of Sciences

Department

Department of Anthropology

ANT4702 - Culture, Inequality and Global Development
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore Standing or C.I.

Course Description

Anthropological perspective on origins and contemporary ramifications of underdevelopment and disempowerment in the world system.

College

College of Sciences

Department

Department of Anthropology

ANT4802 - Ethnographic Field Methods
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ANT 2000, ANT 2410, SYG 2000, PSY 2012, or C.I.

Course Description

Procedures and principles of ethnographic research methods.

College

College of Sciences

Department

Department of Anthropology

ANT4824 - Archaeological Field Study**Credits Hours**

3

Lab/Studio/Field Work Hours

9

Prerequisites

- Students admitted only with permission of instructor.

Course Description

Experience methods of field archaeology by participating in field school at sites in Florida.

College

College of Sciences

Department

Department of Anthropology

ANT4851 - Digital Methods in Anthropology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- (ANT 2000, ANT 2140, ANT 2410, or ANT 2511) and C.I.

Course Description

Applying digital technologies and methods to explore humanity's past, present, and future. This exploration is grounded by developing anthropologically-based, transferable methods and skills.

College

College of Sciences

Department

Department of Anthropology

ANT4852 - GIS Methods in Anthropology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing or C.I.

Course Description

An overview to Geographic Information Systems (GIS) methods from an anthropological perspective.

College

College of Sciences

Department

Department of Anthropology

ANT4854 - Advanced GIS Methods in Anthropology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ANT 4852 or C.I.

Course Description

Advanced methods to Geographic Information Systems (GIS) from an anthropological perspective.

College

College of Sciences

Department

Department of Anthropology

ANT4861 - Beyond the Anthropology Major: Careers Applying Anthropology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- (ANT 2140, ANT2410, and ANT2511) or equivalent.

Course Description

Applying skills and experiences from the Anthropology BA curriculum to the job market or graduate school.

College

College of Sciences

Department

Department of Anthropology

ANT4933C - Landscape Archaeology
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- ANT 2140 or C.I.

Course Description

Seminar course exploring literature in landscape archaeology while using annotated maps to understand landscapes at different scales and around the world.

College

College of Sciences

Department

Department of Anthropology

ANT4954 - Geospatial and Archaeological Field School at Kerkenes**Credits Hours**

3

Lab/Studio/Field Work Hours

6

Prerequisites

- (ANT 2000, ANT 2140, ANT 2410, or ANT 2511) and C.I.

Course Description

Provides hands-on experience with using geospatial technologies and archaeological methodologies on an archaeological project in Turkey as part of a study abroad program.

College

College of Sciences

Department

Department of Anthropology

ANT4956 - Geophysical Field School at Kerkenes**Credits Hours**

3

Lab/Studio/Field Work Hours

6

Prerequisites

- (ANT 2000, ANT 2140, ANT 2410 or ANT 2511) and C.I.

Course Description

Provides hands-on experience with using geophysical technologies on an archaeological project in Turkey as part of an annual study abroad program.

College

College of Sciences

Department

Department of Anthropology

APK - Applied Kinesiology

APK2160 - Facts and Fallacies in Exercise and Nutrition**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Considerations for the appropriate interpretation of scientific and media-based content related to core concepts in nutrition and exercise.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

APK2300 - Basic Sport First Aid and CPR**Credits Hours**

3

Course Description

The prevention, identification, evaluation and care of athletic/sports injuries and other related topics. The introduction and instruction of basic life safety cardiopulmonary resuscitation and automated external defibrillator use for people working in athletics and sports settings.

Current Fee Per Student

\$24.00

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

APK3132 - Triathlon Training and Performance**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PEM 2104 Personal Fitness or C.I.

Course Description

Triathlon concepts, training, and performance, leading to the development of optimal fitness and an improved healthy lifestyle.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

APK3400 - Sports Psychology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PSY 2012.

Course Description

A review of principles of psychology related to the enhancement of satisfaction and performance in sports.

College

College of Sciences

Department

Department of Psychology

APK4110C - Advanced Exercise Physiology**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- Admission to Kinesiology B.S., Physical Education B.S., or Fitness Training Minor; minimum overall 2.5 GPA; PET 3351 Applied Exercise Physiology and ZOO 3736C or ZOO 3733C or equivalent.

Course Description

Metabolic, neuromuscular, respiratory and cardiovascular physiological concepts and principles with practical application to kinesiology.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

APK4203 - Monitoring Training and Athletic Performance
Credits Hours

3

Prerequisites

- Admission to Kinesiology B.S and ZOO 3736C Exercise Physiology Anatomy or ZOO 3733C Human Anatomy; and minimum overall 2.5 GPA.

Course Description

Examination of how data collected on sport performance variables may improve the ability to successfully monitor athletes over a competitive season. Specific focus on which variables may be used as predictors of training status, athlete readiness and injury risk stratification.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

APK4903 - Basic Research Methods in Kinesiology
Credits Hours

3

Prerequisites

- Admission to Kinesiology B.S; STA 2023 and overall minimum 2.5 GPA or C.I.

Course Description

An overview of the research process including evaluating research questions, analyzing data, and presenting findings.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

APK4926 - Practicum in Kinesiology**Credits Hours**

9

Lab/Studio/Field Work Hours

9

Prerequisites

- Senior standing in Kinesiology B.S., minimum 2.5 overall GPA and Advisor Consent.

Course Description

Field experience in a kinesiology organization, association, or business.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

ARA - Arabic**ARA1120C - Elementary Arabic Language and Civilization I****Credits Hours**

4

Lab/Studio/Field Work Hours

1

Course Description

Introduces the student to Arabic language skills. Open only to students with no experience in the language.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

ARA1120K - Honors Elementary Arabic Language and Civilization I
Credits Hours

4

Lab/Studio/Field Work Hours

1

Prerequisites

- Permission of Honors.

Course Description

Introduction to Arabic language skills. Open only to students with no experience in the language. Honors level content.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

ARA1121C - Elementary Arabic Language and Civilization II
Credits Hours

4

Lab/Studio/Field Work Hours

1

Prerequisites

- ARA 1120C or C.I.

Course Description

Continuation of ARA 1120C.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

ARA1121K - Honors Elementary Arabic Language and Civilization II
Credits Hours

4

Lab/Studio/Field Work Hours

1

Prerequisites

- Permission of Honors.

Course Description

Continuation of ARA 1120C. Honors level content.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

ARA2200 - Intermediate Arabic Language and Civilization I
Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites

- ARA 1121C or C.I.

Course Description

Development of language skills and cultural knowledge at the intermediate level.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

ARA2201 - Intermediate Arabic II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ARA 2200 or equivalent or C.I.

Course Description

Continuation of ARA 2200 with emphasis on Arabic cultures.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

ARC - Architecture

ARC3181 - Advanced Topics in Digital Architecture
Credits Hours

3

Prerequisites

- Completion of Articulated Pre-Major: Architecture A.A. at Valencia College West or C.I.

Course Description

Continued investigation of computer-aided design programs currently utilized by professional practices.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARC3310C - Parametric Modeling and Digital Fabrication
Credits Hours

3

Lab/Studio/Field Work Hours

3

Prerequisites

- ARC 2180 (offered through Valencia College) or equivalent.

Course Description

Computer-aided hardware and software utilized in the professional practice of architecture.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARC3320L - Architectural Design 5
Credits Hours

6

Lab/Studio/Field Work Hours

9

Prerequisites

- Completion of Articulated Pre-Major: Architecture A.A. at Valencia College West or C.I.

Course Description

Investigates architectural design and its relationship to regional contextual influences through a range of projects which vary in scale and complexity.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARC3321L - Architectural Design 6**Credits Hours**

6

Lab/Studio/Field Work Hours

9

Prerequisites

- ARC 3320L.

Course Description

Architectural design with a large scale urban context. Theory, methodology, and evolution of urban form in response to social, cultural, economic and technological forces.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARC3463 - Materials and Methods of Construction 2**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Corequisites

- ARC 4323L.

Course Description

Methods of assembling and selecting materials; detailed systems of construction will be investigated.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARC3503 - Architectural Structures**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Completion of Articulated Pre-Major: Architecture A.A. at Valencia College West or C.I.;

Corequisites

- ARC 3320L.

Course Description

Principles of structural behavior in withstanding gravity and lateral forces. Considers structural layout, load distribution, and preliminary design techniques; and examines contemporary structural systems through case studies.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARC3610 - Environmental Technology 1**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Corequisites

- ARC 3321L.

Course Description

Principles and practices relating to control of the thermal/atmospheric environment and plumbing in buildings.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARC3743 - Architectural History 3**Credits Hours**

3

Prerequisites

- ARC 3320L .

Course Description

Social, political, material, technological, and cultural forces on design and construction from 1850, including architect's role in civil society and theoretical positions of architects and architectural schools.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARC4220 - Architectural Theory 2**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Corequisites

- ARC 4322L.

Course Description

Investigates the theoretical, historical and ideological ideas in architecture that took place during the early decades of the twentieth century.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARC4322L - Architectural Design 7**Credits Hours**

6

Lab/Studio/Field Work Hours

9

Prerequisites

- ARC 3321L.

Course Description

Control over architectural processes to solve design needs through appropriate program development and construction technology. Complete building as a final product, emphasizing on urban and suburban housing projects.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARC4323L - Architectural Design 8**Credits Hours**

6

Lab/Studio/Field Work Hours

9

Prerequisites

- ARC 4322L.

Course Description

Architecture designs focus on architectural detail and articulation. An investigation of landscape provides the context for this study.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARC4620 - Environmental Technology 2**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ARC 3610 or C.I.

Corequisites

- ARC 4322L.

Course Description

Fundamentals of architectural lighting, acoustics, electrical power distribution and building communications.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARC4694 - In the Space of Health and Wellness**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ARC 3321L.

Course Description

Considers healthcare issues, facility design, environmental impact, and disruptive technology and convergence of health, research and technology.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARE - Art Education

ARE2000 - Early Childhood Art and Creativity**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

An examination of developmental patterns in children's artistic behaviors and appropriate instructional strategies to be implemented.

Current Fee Per Student

\$5.00

College

College of Community Innovation and Education

Department

School of Teacher Education

ARE3944 - Community Arts Practicum**Credits Hours**

3

Lab/Studio/Field Work Hours

3

Prerequisites

- C.I.

Course Description

A supervised experience for students to facilitate art programming in a variety of community settings.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARE4250 - Art for Exceptionalities**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the College of Education, Art Education Program or C.I.

Course Description

Concepts, principles, and methods of integrating art processes into the education of students with physical, emotional, and mental exceptionalities.

College

College of Community Innovation and Education

Department

School of Teacher Education

ARE4260 - Methods in Art Administration**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ARH 3820.

Course Description

Theories and methodologies for designing, implementing and administering art programs for a variety of populations.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARE4351 - Teaching Art in the Elementary School**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission into the Art Education Program or Art Education Minor.

Course Description

Transition from university art studio practices to public school teaching of art. Organizing, designing and analyzing art experiences, activities and classroom environments for elementary school.

Current Fee Per Student

\$5.00

College

College of Community Innovation and Education

Department

School of Teacher Education

ARE4352 - Teaching Art in the Secondary School**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- Admission into the Art Education program or Art Education Minor.

Course Description

Transition from university art studio practices to High School Teaching of art. Organizing, designing and analyzing art experiences and activities appropriate for junior high and high school children. Examination of teaching methodology relative to the high school and junior high school settings.

Current Fee Per Student

\$5.00

College

College of Community Innovation and Education

Department

School of Teacher Education

ARE4356 - Teaching Art Appreciation & Criticism in the Classroom**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ARH 2050 OR ARH 2051.

Course Description

An examination of art appreciation programs and concepts toward planning curriculum for the study of art history, popular art, art criticism, and aesthetics for specific educational settings.

College

College of Community Innovation and Education

Department

School of Teacher Education

ARE4453 - Studio Experiences in Art Education**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission into the College of Education, Art Education Program required or C.I.

Course Description

Materials available for instruction in public schools will be explored in depth in relation to their appropriateness and productive qualities.

Current Fee Per Student

\$5.00

College

College of Community Innovation and Education

Department

School of Teacher Education

ARH - Art History

ARH2050 - History of Western Art I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Painting, sculpture and architecture from the Prehistoric Era through the Renaissance.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARH2050H - Honors History of Western Art I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Permission of Honors.

Course Description

Painting, sculpture and architecture from the Prehistoric Era through the Renaissance, with honors content.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARH2051 - History of Western Art II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Painting, sculpture and architecture from the Baroque through the 20th century.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARH2051H - Honors History of Western Art II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Permission of Honors.

Course Description

Painting, sculpture and architecture from the Baroque through the 20th century, with honors-level content.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARH2500 - History of Non-Western Art
Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

Major visual arts in various non-Western cultures.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARH3471 - Art in the Last 25 Years
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ARH 2050 and ARH 2051 or C.I.

Course Description

A seminar for upper-level art students to examine current trends in the visual arts.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARH3610 - American Art**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ARH 2050 and ARH 2051 or C.I.

Course Description

Surveys American Art to 1900. Leading artists are identified and representative examples of their work are discussed within the context of major themes, patterns, sources.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARH3631 - African-American Art**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or C.I.

Course Description

Historical survey of art produced by working artists of African heritage and representations of African-American life by these and other artists.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARH3670 - 20th Century Latin American Art
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ARH 2050 and ARH 2051 or C.I.

Course Description

Art of the modern era (1820 to 1980) in the Caribbean and South America; issues and characteristics of art as they reflect the cultural evolution of Latin America.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARH3674 - Latin American Popular Culture
Credits Hours

3

Lab/Studio/Field Work Hours

3

Prerequisites

- Complete the following:
 - ENC1102 - Composition II (3)

Course Description

Latin American popular culture beyond "fine art," produced in Latin America, the United States, and the Caribbean.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARH3683 - Southern Folk Arts**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior Standing or C.I.

Course Description

This course will explore contemporary issues related to folk art including definition, collecting, marketing, art criticism, tradition, innovation, and its relationship to the so-called fine arts and popular arts.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARH3710 - History of Photography I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior Standing or C.I.

Course Description

History of still photography from its earliest inception to 1900. The content of this course is designed for art majors.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARH3713 - 20th Century Photographic History
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior Standing.

Course Description

The history of the evolution of still photography from the early 20th Century to contemporary practice.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARH3720 - History of Prints
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ARH 2050 and ARH 2051 or C.I.

Course Description

History of printmaking in the Western world, surveying works by the "great printmakers."

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARH3728 - History of Illustration**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ARH 2050 and ARH 2051.

Course Description

Western illustration from ancient and medieval manuscripts through nineteenth century cartoon, caricature, book, magazine illustration, and advertising.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARH3820 - Visual Arts Administration Vitas**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior Standing or C.I.

Course Description

Grant applications; Personnel; copyright laws; museum practices, etc.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARH3842 - Art History Abroad: Italy
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ARH 2050 and ARH 2051 or C.I.

Course Description

Meets in Italy and explores Italian art, architecture, artists, patrons, and culture from the Roman period through the late Baroque.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARH3888 - Art of Walt Disney
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or C.I.

Course Description

Examines the animation, art, and architecture of Disney.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARH4130 - Greek Art and Architecture**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ARH 2050 and ARH 2051.

Course Description

Examines the art and architecture of ancient Greece from the Bronze Age through the end of the Hellenistic period.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARH4150 - Roman Art and Architecture**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ARH 2050 and ARH 2051.

Course Description

Examines Roman art and architecture from its Etruscan origins through Constantine.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARH4200 - Medieval Art**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ARH 2050 and ARH 2051.

Course Description

Medieval Art from the 6th through 14th centuries, including painting, architecture, sculpture and illuminated manuscripts.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARH4310 - Italian Renaissance Art**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ARH 2050 and ARH 2051 or C.I.

Course Description

Italian Art and architecture from 1300 to 1600.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARH4316 - Great Masters: daVinci, Michelangelo, and Raphael
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ARH 2050, ARH 2051, and ARH 4310.

Course Description

Examines at length three artists considered to be Great Masters: daVinci, Michelangelo, and Raphael.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARH4350 - Baroque Art
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ARH 2050 and ARH 2051 or C.I.

Course Description

A study of European Art in the 17th and 18th centuries.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARH4352 - Italian Baroque Art
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ARH 2050 and ARH 2051.

Course Description

Examines the art and architecture of the Baroque period in Italy from 1600-1750.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARH4430 - 19th Century Art
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ARH 2050 and ARH 2051.

Course Description

A survey of the trends and developments in art during the 19th century, including the art of America and of Western Europe.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARH4450 - 20th Century Art
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ARH 2050 and ARH 2051 or C.I.

Course Description

A survey of the art from Fauvism, Futurism, Cubism to the art of the present.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARH4653 - Meso American Art
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior Standing or C.I.

Course Description

A survey of the art of Mexico and Central America, from the Pre-Colombia, through the Spanish Colonial, to the 20th century.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARH4800 - Theory and Criticism of the Visual Arts**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ARH 2050 and ARH 2051 or C.I.

Course Description

Explores criteria of art criticism and theoretical approaches to art meaning through time; art examples from various periods/cultures.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ARH4871 - Women in Art**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ARH 2050 and ARH 2051 or C.I.

Course Description

A survey of women artists from ancient times to the present as well as a study of the role Aesthetics and Ideology have played in determining representations of women in art.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART - Art

ART2201C - Design Fundamentals-Two Dimensional
Credits Hours

3

Prerequisites

- C.I.

Course Description

Priority given to students whose major requires this course. Materials, processes, form. Emphasis on two-dimensional design problems, including problems in black and white and basic color theory.

Current Fee Per Student

\$15.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART2203C - Design Fundamentals-Three Dimensional
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- C.I.

Course Description

Priority given to students whose major requires this course. Basic three-dimensional design using the various sculptural media.

Current Fee Per Student

\$45.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART2300C - Drawing Fundamentals I**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- Priority given to students whose major requires this course.

Course Description

Priority given to students whose major requires this course. Introduction to drawing techniques, formal organization and traditional media based on observation.

Current Fee Per Student

\$10.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART2301C - Drawing Fundamentals II**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- ART 2300C

Course Description

Priority given to students whose major requires this course. Drawing concepts and techniques emphasizing observation of the human figure.

Current Fee Per Student

\$50.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART2400C - Beginning Printmaking
Credits Hours

3

Lab/Studio/Field Work Hours

4

Course Description

Basic elements and techniques of printmaking covered. Relief, intaglio, and lithography. Assignments include practical application of printmaking as drawing tool.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART2500C - Beginning Painting
Credits Hours

3

Lab/Studio/Field Work Hours

4

Course Description

Introduction to painting methods, materials and concepts.

Current Fee Per Student

\$15.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART2701C - Beginning Sculpture**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Course Description

Introductory level studio instruction. Safe studio practices, principles of design, concept development, craft, and presentation are emphasized. Equipment, tools, materials, methods, and assignments may vary.

Current Fee Per Student

\$35.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART2754C - Beginning Ceramics**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Course Description

General concepts of ceramic design, experience in processes of forming, decorating, glazing, and firing pottery.

Current Fee Per Student

\$35.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART2823 - Art as Interface**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

An overview of art department specializations, and selected historical and theoretical information influencing the art curriculum. Examination of aesthetic characteristics shared by the various disciplines and how knowledge of these data is used by the profession to share information with the community.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART3026C - Procedural Animation**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- Complete all of the following
 - Complete the following:
 - ART3950 - Studio Art Portfolio
 - Or
 - ART 3952 and ART 3628, FIL 3720, ART 4323C

Course Description

Understanding and application of techniques and mechanics of expression-driven movement.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART3161 - Mixed Media**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ART 2201C, ART 2203C, ART 2300C, ART 2301C.

Course Description

Concepts and techniques involving the creation of art objects by integrating painting, sculpture, drawing, design, and art history.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART3170C - Book Binding**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- ART 2201C, ART 2203C, ART 2300C and ART 2301C.

Course Description

Basic book binding techniques, methods, structures, and production of books.

Current Fee Per Student

\$44.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART3171C - Materials for Artist Books**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- ART 2201C, ART 2203C, ART 2300C and ART 2301C

Course Description

Production of materials used for an artist in the creation of books.

Current Fee Per Student

\$32.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART3175C - Advanced Issues in Contemporary Book Arts**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- ART 3170C.

Prerequisites/Corequisites

- ART 3950 or ART 3952 or GRA 3950

Course Description

Advanced problems that expand on the concepts and skills acquired from Bookbinding culminating in a book project.

Current Fee Per Student

\$44.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART3176C - The Illuminated Book
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- ART 3170C.

Prerequisites/Corequisites

- ART 3950 or ART 3952 or GRA 3950

Course Description

The creation of visual, illuminated responses to language from stories, fables, poetry, and books using a variety of media.

Current Fee Per Student

\$45.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART3223H - Honors Applied Design Lab
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- Consent of Honors.

Course Description

Designing three-dimensional projects for real world clients. With Honors Content.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART3321C - Drawing Intensive
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- ART 2201C, ART 2203C, ART 2300C and ART 2301C.

Course Description

Intensive and comprehensive concepts and techniques in drawing from observation.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART3332C - Intermediate Drawing
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites/Corequisites

- ART 3950 or ART 3952 or GRA 3950

Course Description

Intermediate problems in drawing, with emphasis on human anatomy for artists through observation.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART3403C - Intermediate Printmaking
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- ART 2201C and ART 2300C

Course Description

Comprehensive exploration into the variety printmaking processes.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART3433C - Screen Printing
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Complete at least 1 of the following:
 - ART3950 - Studio Art Portfolio
 - ART3952 - Experimental Animation Portfolio
 - GRA3950 - Graphic Design Portfolio

Course Description

Techniques of waterbase screenprinting, including digital/photo processes and practical applications of screenprinting as a means for image making.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART3504C - Intermediate Painting
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- ART 2201C, ART 2203C, ART 2300C and ART 2301C.

Course Description

Examines formal and conceptual problems and advances methodologies and processes in painting.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART3561C - Experimental Painting
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites/Corequisites

- ART 3950 or ART 3952 or GRA 3950.

Course Description

Dry and wet painting media on various surfaces exploring multi-media applications including collage, transfers, sewing, surface textures

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART3562C - Observational Painting**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- ART 2201C, ART 2203C, ART 2300C, and ART 2301C

Course Description

Painting from observation of internal and external spaces and figure painting exploring various paint media and methods in response to formal and concept driven assignments.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART3628 - Experimental Animation Professional Practice**Credits Hours**

3

Prerequisites/Corequisites

- ART 3952 or ART 3950 and admission to Emerging Media BFA, Experimental Animation track.

Course Description

Experimental Animation Professional Practice will guide student research and preparation in skills needed to obtain internship and/or employment.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART3643C - Digital Effects & Compositing**Credits Hours**

3

Lab/Studio/Field Work Hours

3

Prerequisites

- FIL 3734C and DIG 3951 and declared Emerging Media BFA, Character Animation Track, or ART 3950 and declared Emerging Media BFA, Experimental Animation track or ART 3952.

Course Description

Visual Effects and compositing for computer animation and film, focusing on the use of animation industry standard software.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART3709C - Intermediate Sculpture**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- ART 2201C, ART 2203C, ART 2300CART 2301C

Course Description

Customized studio instruction. Students' design, fabricate and present three-dimensional solutions using a range of equipment, tools, materials, and methods with emphasis on concepts and execution.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART3713C - Figure Sculpture**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites/Corequisites

- ART 3950 or ART 3952 or GRA 3950

Course Description

Investigates the technical, conceptual and aesthetic issues involved with figurative sculpting with emphasis on material exploration, historical and contemporary precedents, personal expression, and professional practices.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART3734C - Metal Sculpture**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites/Corequisites

- ART 3950 or ART 3952 or GRA 3950

Course Description

Customized instruction emphasizes safe metalworking practices (ARC/MIG welding, hot/cold cutting, fasteners, finishes, etc.), three-dimensional design principles, contemporary sculpture, and student project originality, execution, and presentation.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART3737C - Narrative Sculpture
Credits Hours

3

Lab/Studio/Field Work Hours

3

Prerequisites/Corequisites

- ART 3950 or ART 3952 or GRA 3950

Course Description

Aesthetics of sculpture incorporating narrative content and referencing historical contexts.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART3738C - Mold Making and Casting
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- ART 3709C or ART 3761C

Course Description

Intermediate-level course in mold making and sculpture casting using plaster, plastics, metal, and related materials. Customized studio instruction emphasizes concept, execution, presentation and skill development.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART3761C - Intermediate Ceramics**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- ART 2201C, ART 2203C, ART 2300C and ART 2301C.

Course Description

Intermediate concepts of ceramic design, experiences in process of forming, decorating, glazing and firing ceramic.

Current Fee Per Student

\$35.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART3764C - Ceramic Handbuilding I**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- ART 2201C, ART 2203C, ART 2300C and ART 2301C.

Course Description

Application of a variety of ceramic handbuilding procedures, including design, glaze application and firing process.

Current Fee Per Student

\$35.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART3768C - Clay Sculpture**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- ART 3709C or ART 3761C

Course Description

Investigates the technical, conceptual and aesthetic issues involved with sculpting with ceramic materials with emphasis on historical and contemporary precedents, personal expression, and professional practices.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART3824 - Japanese Manga & Anime**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or C.I.

Course Description

Explores the real and imaginary robotic beings inhabiting the fictional worlds of Japanese Anime and Manga.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART3833C - Processes and Ideas in Art
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- ART 2201C, ART 2203C, and ART 2301C.

Course Description

Generation of new insights concerning artistic expression with an emphasis on the individual creation of visual art objects. With Honors content.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART3950 - Studio Art Portfolio
Credits Hours

0

Lab/Studio/Field Work Hours

0

Prerequisites

- Complete the following:
 - ARH2050 - History of Western Art I (3)
 - ARH2050 - History of Western Art I (3)
 - ART2201C - Design Fundamentals-Two Dimensional (3)
 - ART2203C - Design Fundamentals-Three Dimensional (3)
 - ART2300C - Drawing Fundamentals I (3)
 - ART2301C - Drawing Fundamentals II (3)

Course Description

Students permitted to enroll the semester after successful completion of the Studio Art Portfolio review. Corequisite for portfolio restricted Studio courses.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART3951C - Design Intensive
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- ART 2201C, ART 2203C, ART 2300C and ART 2301C.

Course Description

Covers both two and three dimensional design concepts.

Current Fee Per Student

\$57.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART3952 - Experimental Animation Portfolio
Credits Hours

0

Lab/Studio/Field Work Hours

0

Prerequisites

- C.I.

Course Description

Students in the Emerging Media BFA, Experimental Animation track enroll in this course after successful portfolio review consisting of relevant digital art, time-based media and artistic works.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART4027C - Stop Motion Animation**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- ART 3952 and FIL 3734C and ART 3737C

Course Description

Using techniques and mechanics of stop motion animation, students will learn how to create a animations, from storyboarding to post-production.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART4173C - Advanced Artist Book**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- Complete the following:
 - ART3170C - Book Binding (3)

Prerequisites/Corequisites

- Complete at least 1 of the following:
 - ART3950 - Studio Art Portfolio
 - ART3952 - Experimental Animation Portfolio
 - GRA3950 - Graphic Design Portfolio

Course Description

Book definition from traditional handmade to contemporary artist book. Redefining the elements, structure and content of books/the binding and printing methods in book production.

Current Fee Per Student

\$28.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART4174C - The Printed Book
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- ART 3170C

Prerequisites/Corequisites

- ART3950 or ART 3952 or GRA 3950

Course Description

Aesthetics of the printed book including binding techniques to make artist books.

Current Fee Per Student

\$23.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART4177C - Commercial Book Design and Publishing
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- ART 3170C

Prerequisites/Corequisites

- ART 3950 or ART 3952 or GRA 3950

Course Description

Analysis of art and design elements and their interpretation from a historical perspective.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART4320C - Advanced Drawing
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- ART 3332C.

Prerequisites/Corequisites

- ART 3950 or ART 3952 or GRA 3950

Course Description

Advanced drawing problems that expand on the concepts and skills acquired from intermediate drawing. May be repeated for credit.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART4402C - Advanced Printmaking
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- ART 3403C

Prerequisites/Corequisites

- ART 3950 or ART 3952 or GRA 3950.

Course Description

Advanced process in printmaking. May be repeated for credit.

Current Fee Per Student

\$30.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART4505C - Advanced Painting
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- Complete the following:
 - ART3504C - Intermediate Painting (3)

Prerequisites/Corequisites

- Complete at least 1 of the following:
 - ART3950 - Studio Art Portfolio
 - ART3952 - Experimental Animation Portfolio
 - GRA3950 - Graphic Design Portfolio

Course Description

Advanced painting problems that expand on the concepts and skills acquired from intermediate painting.

Current Fee Per Student

\$15.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART4644C - Books Without Books
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- ART 3170C

Prerequisites/Corequisites

- ART 3950 or ART 3952 or GRA 3950

Course Description

Exploration of unconventional concepts in Book Arts by examining alternative presentations of sequential ideas in space and time.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART4710C - Advanced Sculpture
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- ART 3709C

Prerequisites/Corequisites

- ART 3950, ART 3952 or GRA 3950.

Course Description

Advanced problems in sculpture. Customized studio instruction emphasizing developed concepts, execution, and presentation of three-dimensional expressions in varied media. May be repeated for credit.

Current Fee Per Student

\$45.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART4765C - Ceramic Handbuilding II
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- ART 3761C and ART 3764C

Prerequisites/Corequisites

- ART 3950 or ART 3952 or GRA 3950

Course Description

Technical skills in manipulating form, function, volume, color and surface texture.

Current Fee Per Student

\$35.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART4780C - Kiln Design and Building
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- ART 3761C or ART 4765C or ART 4783C

Prerequisites/Corequisites

- ART 3950 or ART 3952 or GRA 3950.

Course Description

The design and construction of kilns, use of refractory materials, and the theory of efficient fuel combustion.

Current Fee Per Student

\$35.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART4783C - Advanced Ceramics
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- ART 3761C or ART 4764C

Prerequisites/Corequisites

- ART 3950 or ART 3952 or GRA 3950.

Course Description

Advanced problems in the ceramic process.

Current Fee Per Student

\$35.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART4786C - Ceramic Raw Material
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- ART 3761C or ART 3764C

Prerequisites/Corequisites

- ART 3950 or ART 3952 or GRA 3950

Course Description

An in-depth understanding of the singular and diverse properties of clay and glaze materials.

Current Fee Per Student

\$35.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART4859C - Visual Arts Management BA Capstone
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- ART2201C, ART2203C, ART2300C, ART2301C and any 3000 level ART Studio Art Course

Course Description

This capstone experience course is designed to provide professional development by emphasizing creative thinking, research, and writing to prepare students for post-graduation art-centered careers.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART4935 - BFA Exhibit/Seminar
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- ART3950. Restricted to students in their final semester in the Studio Art BFA.

Course Description

This course is designed to prepare B.F.A. students for B.F.A. Exhibition. Must be completed in the student's final semester.

Current Fee Per Student

\$15.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART4945C - Advanced Design Lab
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- ART 2201C or ART 2203C or CL..

Course Description

Design and develop visual solutions for real world clients in partnership with industry.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART4954 - Scotland Study Abroad
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ART 2823, ART 2201C, ART 2301C or C.I.

Course Description

Study abroad in Edinburgh, Scotland.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ART4971 - Experimental Animation Thesis
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Experimental Animation major and a grade of 'C' (2.0) or better in FIL 4735C .

Course Description

Capstone for Experimental Animation majors. Majors present creative works and develop materials to assist them in their professional transition. Must be a graduating BFA senior.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

ASH - Asian History

ASH3200 - Ancient Near Eastern Societies**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EUH 2000 or WOH 2012 or WOH 2012H, or C.I.

Course Description

History of the world's first literate societies (i.e. Mesopotamia, Egypt, the Levant) focusing upon their primary sources (in translation).

College

College of Arts and Humanities

Department

Department of History

ASH3204 - History of Mesopotamia**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: Grade of C (2.0) or better required in ENC 1102 or equivalent, or C.I.

Course Description

Political histories and social developments that arose in Iraq, Syria, and Turkey at the dawn of human history.

College

College of Arts and Humanities

Department

Department of History

ASH3222 - Islam and Its Empires**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing or C.I.

Course Description

History of the Middle East and North Africa from the birth of Islam to the 16th century.

College

College of Arts and Humanities

Department

Department of History

ASH3223 - The Modern Middle East**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing or C.I.

Course Description

History of the Middle East and North Africa from the 16th century to the present.

College

College of Arts and Humanities

Department

Department of History

ASH3244 - History of the Kurds in the Middle East**Credits Hours**

3

Prerequisites

- Grade of 'C' (2.0) or better in ENC 1102, or CI.

Course Description

The political history of the Kurds in the Middle East, including the evolution of Kurdish identity and nationalism.

College

College of Arts and Humanities

Department

Department of History

ASH3302 - History of Modern East Asia**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of 'C' (2.0) or better in ENC 1102, or C.I.

Course Description

Historical experiences in East Asia (China, Japan, Korea) from 1600 to the present.

College

College of Arts and Humanities

Department

Department of History

ASH4233 - Ottoman Empire**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- WOH 2012 and WOH 2022.

Course Description

History of the Ottoman Empire from its origins in the 13th century to its collapse after WWI.

College

College of Arts and Humanities

Department

Department of History

ASH4243 - History of Iraq**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- WOH 2012 and WOH 2022.

Course Description

Modern Iraqi history through a set of interrelated monographic studies that focus on the political and legal components of the Iraqi state.

College

College of Arts and Humanities

Department

Department of History

ASH4304 - Women in China**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 and AMH 2020, or EUH 2000 and EUH 2001, or WOH 2012 and WOH 2022.

Course Description

Historical changes and continuities in experiences of Chinese women during the traditional period, the modern era and contemporary times.

College

College of Arts and Humanities

Department

Department of History

ASH4324 - History & Culture of South Asia**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- WOH 2022 or C.I.

Course Description

History and culture of South Asia from prehistory to decline of the British Raj.

College

College of Arts and Humanities

Department

Department of History

ASH4383 - Imperialism & Decolonization in South Asia**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- WOH 2022 or C.I.

Course Description

Socio-cultural, economic and political impact of imperialism and the subsequent decolonization in South Asia.

College

College of Arts and Humanities

Department

Department of History

ASH4402 - History of Chinese Civilization**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EUH 2000 and EUH 2001, or WOH 2012 and WOH 2022.

Course Description

Chinese history from its pre-historical genesis until the 18th century.

College

College of Arts and Humanities

Department

Department of History

ASH4404 - Modern China**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EUH 2000 and EUH 2001 or C.I.

Course Description

Political, social, economic, and cultural transformations undergone by China from about the 17th century to the present.

College

College of Arts and Humanities

Department

Department of History

ASH4442 - Modern Japan
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EUH 2000 and EUH 2001 or C.I.

Course Description

History of Japan from the end of the Tokugawa period to the present day.

College

College of Arts and Humanities

Department

Department of History

ASH4550 - History of Modern India
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- WOH 2022 or C.I.

Course Description

History of India from decline of Mughlas in late 18th century to present.

College

College of Arts and Humanities

Department

Department of History

ASL - American Sign Language

ASL2140 - Introduction to American Sign Language
Credits Hours

4

Lab/Studio/Field Work Hours

0

Course Description

Development of ASL vocabulary and grammar. Deaf culture, literature, research examined.

College

College of Health Professions and Sciences

Department

School of Communication Sciences and Disorders

ASL2150 - Intermediate American Sign Language
Credits Hours

4

Lab/Studio/Field Work Hours

0

Prerequisites

- ASL 2140.

Course Description

Expansion of ASL vocabulary with increased development of knowledge concerning Deaf culture.

College

College of Health Professions and Sciences

Department

School of Communication Sciences and Disorders

ASL2510 - Issues of Deafness**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- C.I.

Course Description

The impact of deafness on individual, family and social problems in the deaf community and culture, including historical and changing attitudes toward persons and disabilities.

College

College of Health Professions and Sciences

Department

School of Communication Sciences and Disorders

ASL4161C - American Sign Language III**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- ASL 2150.

Course Description

Conversation. Emphasis on refining fluency receptively and expressively. Practicum with the deaf community.

College

College of Health Professions and Sciences

Department

School of Communication Sciences and Disorders

ASL4201 - American Sign Language IV
Credits Hours

4

Lab/Studio/Field Work Hours

0

Prerequisites

- ASL 4161C or consent of instructor.

Course Description

Advanced study in complex grammar, facial expression, metaphorical and idiomatic vocabulary, emphasizing production of non-voiced, conversational, spontaneous signed sentences, "reading" signed phrases and sentences.

College

College of Health Professions and Sciences

Department

School of Communication Sciences and Disorders

AST - Astronomy

AST2002 - Astronomy
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- High school algebra or MAC 1105C.

Course Description

Descriptive survey of solar system, galaxies and universe; physical properties of stars, H-R diagram, stellar evolution, black holes, neutron stars.

College

College of Sciences

Department

Department of Physics

AST2002K - Honors Astronomy
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Permission of Honors.

Course Description

Descriptive survey of solar system, galaxies and universe; physical properties of stars, H-R diagram, stellar evolution, black holes, neutron stars. Honors level content.

College

College of Sciences

Department

Department of Physics

AST2002L - Astronomy Lab
Credits Hours

1

Lab/Studio/Field Work Hours

3

Corequisites

- AST 2002.

Course Description

Laboratory experiments covering selected topics in astronomy related to AST 2002.

Current Fee Per Student

\$9.00

College

College of Sciences

Department

Department of Physics

AST2037 - Life in the Universe**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

A thought provoking journey through solar system environments and extrasolar planets to establish the probability of life on other planets in our solar system and beyond.

College

College of Sciences

Department

Department of Physics

AST3110 - Solar System Astronomy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Complete AST2002 and either (PHY2048 and PHY2048L) or PHY2048C

Course Description

Interdisciplinary approach to the dynamics of the Solar System through application of Physics, Atmospheric Science, Chemistry and Geology.

College

College of Sciences

Department

Department of Physics

AST3114 - Space Weather in the Solar System**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: AST 2002

Course Description

How the solar weather forms and solar weather effects on the solar system, including geomagnetic storms, aurorae, and impacts to electronics/GPS systems.

College

College of Sciences

Department

Department of Physics

AST3211 - Stellar Astrophysics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AST 2002 and PHY 3101.

Course Description

The physics and dynamics of stars, including star formation and stellar evolution.

College

College of Sciences

Department

Department of Physics

AST3402 - Galaxies and Cosmology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AST 2002 and PHY 2048C .

Course Description

Study of the different types of galaxies, their evolution, their relationship to active galaxies and quasars, and the evolution of the universe.

College

College of Sciences

Department

Department of Physics

AST4142 - Asteroids, Comets, and Meteorites**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AST 2002

Course Description

Asteroids, comets, and meteorites and their role in the origin and evolution of our solar system.

College

College of Sciences

Department

Department of Physics

AST4152 - Planetary Geophysics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AST 2002, PHY 2053C , and Senior standing, or C.I.

Course Description

Physics of planetary evolution, planetary interiors, and planetary surface processes.

College

College of Sciences

Department

Department of Physics

AST4700 - Experimental Methods in Astronomy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AST 2002, PHY 2048, and Senior standing, or C.I.

Course Description

Experimental design and experimental techniques in astronomy and astrophysics; spherical astronomy; physics of telescopes and of common astronomical detectors; astronomical quantification and interpretation of light.

College

College of Sciences

Department

Department of Physics

AST4762C - Astronomical Data Analysis

Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites

- MAC 2313, ability to write simple computer programs, and an upper level course in astronomy or planetary science, or C.I.

Course Description

Astronomical data formation and acquisition, detector physics, measurement extraction, error analysis, modeling, computer programming, statistics, interpretation, and written and oral presentation of results.

College

College of Sciences

Department

Department of Physics

ATR - Athletic Training

ATR2010C - Athletic Injuries: Mechanisms and Prevention

Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites

- PET 3005.

Course Description

The prevention, identification, care, and rehabilitation of human injuries.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

ATR3012C - Clinical Skills for Athletic Trainers I**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- ZOO 3733C or ZOO 3736C, and Athletic Training majors only or C.I.

Course Description

Clinical skills including functional knowledge of lower extremity/trunk muscle, tendon, and ligament anatomy; advanced taping and bracing skills; and clinical assessment of general medical conditions.

Current Fee Per Student

\$31.00

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

ATR3013C - Clinical Skills for Athletic Training II**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- ZOO 3733C or ZOO 3736C, and Athletic Training majors only or C.I.

Course Description

Clinical skills, including functional knowledge of upper extremity muscle, tendon, ligament anatomy; advanced taping and bracing skills; and pharmacological interventions.

Current Fee Per Student

\$31.00

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

ATR3102 - Principles of Athletic Training**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ZOO 3733C or ZOO 3736C; PCB 3703C; and Athletic Training majors only or C.I.

Course Description

Athletic training principles including injury recognition, emergency care, bloodborne pathogens, rehabilitation and prevention.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

ATR3203C - Upper Extremity Function and Measurement**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- ZOO 3733C or ZOO 3736C with "C" (2.0) or better and COHPA majors and Health Sciences Minors only.

Course Description

Upper extremity functional anatomy, manual muscle testing and goniometry.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

ATR3204C - Lower Extremity Function and Measurement
Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites

- ZOO 3733C or ZOO 3736C with "C" (2.0) or better and COHPA majors and Health Sciences Minors only.

Course Description

Lower extremity functional anatomy, manual muscle testing and goniometry.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

ATR3212C - Recognition and Evaluation of Athletic Injuries I
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- ATR 3102.

Course Description

Recognition and evaluation skills required to perform an injury/illness assessment of the lower extremity and spine and provide immediate management.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

ATR3312C - Injury, Management, and Rehabilitation
Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites

- ZOO 3733C or ZOO 3736C with "C" (2.0) or better; COHPA Students only or C.I.

Course Description

Introduction to the professions of Athletic Training and Physical Therapy and their respective roles in the healthcare system. Prevention, recognition and management of common injuries found in active populations.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

ATR3812L - Practicum in Athletic Training I
Credits Hours

4

Lab/Studio/Field Work Hours

16

Prerequisites

- ATR 3102.

Course Description

Clinical introduction to an athletic training site under direct supervision of a certified athletic trainer.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

ATR3822L - Practicum in Athletic Training II
Credits Hours

4

Lab/Studio/Field Work Hours

16

Prerequisites

- ATR 3812L.

Course Description

Continuation of clinical practicum under direct supervision of certified athletic trainer.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

ATR4014C - Principles of Athletic Training Lab
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- Athletic Training majors only or C.I.

Corequisites

- ATR 3102

Course Description

Basic athletic training skills including emergency care, taping and wrapping, goniometry and manual muscle testing.

Current Fee Per Student

\$34.00

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

ATR4103 - Case Studies in Sports Medicine:
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ATR 4832L.

Course Description

Presentation and treatment of various sports injuries.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

ATR4112L - Acute Care in Athletic Training
Credits Hours

1

Lab/Studio/Field Work Hours

1

Prerequisites

- ATR 4832L.

Corequisites

- ATR 4842L

Course Description

This course will review and update student knowledge of and competency with acute care procedures and emergency planning in athletic settings.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

ATR4132 - Human Injuries: Mechanisms & Prevention**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to Kinesiology B.S., Physical Education B.S., or Sport and Athletic Coaching Minor; minimum overall 2.5 GPA; and ZOO 3736C or ZOO 3733C or equivalent.

Course Description

Study of human movement and analysis of techniques for the prevention and treatment of human injuries associated with sport and fitness.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy– Kinesiology

ATR4213C - Recognition and Evaluation of Athletic Injuries II**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- ATR 3102.

Course Description

Recognition and evaluation skills required to perform an injury/illness assessment of the upper extremity, head and neck, and general medical conditions and provide immediate management.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy– Kinesiology

ATR4302C - Therapeutic Modalities in Athletic Training
Credits Hours

4

Lab/Studio/Field Work Hours

4

Prerequisites

- ATR 4213C.

Course Description

Principles and techniques for applying therapeutic modalities.

Current Fee Per Student

\$5.00

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

ATR4313C - Therapeutic Exercise in Athletic Training
Credits Hours

4

Lab/Studio/Field Work Hours

4

Prerequisites

- ATR 3212C.

Course Description

Rehabilitation processes regarding exercise progression for athletic injury

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

ATR4315C - Advanced Rehabilitation in Athletic Training
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- Athletic Training majors only. ATR 4313C or C.I.

Course Description

Advanced knowledge, skills, and techniques that the certified athletic trainer must perform during rehabilitation of injuries.

Current Fee Per Student

\$17.00

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

ATR4512C - Organization and Administration of Athletic Training
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ATR 3822L.

Course Description

Administrative knowledge in the athletic training profession.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

ATR4832L - Practicum in Athletic Training III
Credits Hours

4

Lab/Studio/Field Work Hours

16

Prerequisites

- ATR 3822L.

Course Description

Advanced clinical internship with increased responsibilities under the supervision of a certified athletic trainer.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

ATR4842L - Practicum in Athletic Training IV
Credits Hours

4

Lab/Studio/Field Work Hours

16

Prerequisites

- PET 4672C.

Course Description

Advanced clinical internship with increased responsibilities under the supervision of a certified athletic trainer.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

ATR4933 - Athletic Training Seminar
Credits Hours

1

Lab/Studio/Field Work Hours

0

Prerequisites

- ATR 4832L and Senior standing.

Course Description

Capstone course reviewing competencies, proficiencies, ethics and professional development for the entry-level athletic trainer.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

ATR4940 - Athletic Training Elective Internship
Credits Hours

0 - 4

Lab/Studio/Field Work Hours

15-Jan

Prerequisites

- ATR 3822L.

Course Description

Students will develop their knowledge, skills, and attitudes by providing direct care of athletic injuries; understand the medical delivery system in a variety of settings; and understand the legal and ethical aspects of practicing athletic training.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

BCH - Biochemistry

BCH4024 - Medical Biochemistry**Credits Hours**

4

Lab/Studio/Field Work Hours

0

Prerequisites

- CHM 2210 and CHM 2211.

Course Description

Structure/function of proteins and nucleic acids fundamental to biomedical science, biochemical concepts important in medicine, enzymology and kinetics, bioenergetics and metabolic processes and disorders.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

BCH4053 - Biochemistry I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- C (2.0) or better in CHM 2211.

Course Description

A consideration of proteins, carbohydrates, nucleic acids, enzymes and their effect on biochemical systems, and inter-relationship of intermediary metabolism

College

College of Sciences

Department

Department of Chemistry

BCH4053H - Honors Biochemistry I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CHM 2211 and consent of Honors.

Course Description

Proteins, carbohydrates, nucleic acids, enzymes and their effect on biochemical systems, and inter-relationship of intermediary metabolism. With Honors content.

College

College of Sciences

Department

Department of Chemistry

BCH4054 - Biochemistry II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- C (2.0) or better in BCH 4053.

Course Description

This is the continuation of BCH 4053. The present course focuses on major metabolic pathways and their regulation.

College

College of Sciences

Department

Department of Chemistry

BCH4103L - Biochemical Methods**Credits Hours**

2

Lab/Studio/Field Work Hours

6

Prerequisites

- C (2.0) or better in both BCH 4053 and CHM 2211

Course Description

A laboratory course stressing the application of the chemical arts to the separation, identification, and quantification of materials of biological significance.

Current Fee Per Student

\$70.00

College

College of Sciences

Department

Department of Chemistry

BME - Biomedical Engineering

BME3211 - Engineering Biomechanics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" (2.0), or better required in all of the following EGN 3310, EGN 3321 and EGM 3601.

Course Description

Knowledge of engineering approaches and tools that are used in the different aspects of biomechanics.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

BME3891 - Fundamentals of Rehabilitation Engineering

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or Better in EGN 3310 and EGN 3321.

Course Description

Overview of Rehabilitation Engineering with emphasis on engineering principles and science involved in developing devices and technological solutions to assist individuals with disabilities and impairments.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

BOT - Botany

BOT3015 - Principles of Plant Science

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: BSC 2011

Course Description

Introduction to botanical concepts; plant biodiversity, structure and function, growth and development, photosynthesis and water relations and ecology.

College

College of Sciences

Department

Department of Biology

BOT3018C - Culinary Botany Across the Cultures**Credits Hours**

4

Lab/Studio/Field Work Hours

4

Prerequisites

- (BOT 3802 or BOT 3015) or C.I.

Course Description

Cultural food traditions and the connections between plants, people and health; examines the preparation methods that enhance the nutritional values.

Current Fee Per Student

\$10.00

College

College of Sciences

Department

Department of Biology

BOT3802 - Ethnobotany**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- A "C" (2.0) or better in both BSC 2010C and BSC 2011C, or C.I.

Course Description

Historical and modern uses of plants economically important in various cultures.

College

College of Sciences

Department

Department of Biology

BOT4223C - Plant Anatomy**Credits Hours**

4

Prerequisites

- BOT 3802 - Ethnobotany BOT 3015, or C. I.

Course Description

A study of development, structure and function of the principal organs and tissue of vascular plants.

College

College of Sciences

Department

Department of Biology

BOT4282C - Plant Microtechniques**Credits Hours**

4

Lab/Studio/Field Work Hours

6

Prerequisites

- BOT 4223C or (BSC 2011C and C.I.)

Course Description

Introduction to techniques used in the preparation of microscope slides/specimens of vascular plants, including infecting organisms.

College

College of Sciences

Department

Department of Biology

BOT4303C - Plant Kingdom**Credits Hours**

4

Lab/Studio/Field Work Hours

2

Prerequisites

- Complete all of the following
 - Complete the following:
 - BOT3015 - Principles of Plant Science (3)
 - or C.I.

Course Description

A survey of plant kingdom utilizing comparative morphology and life cycle patterns. Highlights biotechnology, biological controls and utilization of plants in horticulture

Current Fee Per Student

\$70.00

College

College of Sciences

Department

Department of Biology

BOT4430C - Biology of Fungi**Credits Hours**

4

Lab/Studio/Field Work Hours

3

Prerequisites

- BSC 2011C with "C" (2.0) or better; and PCB 3063 or MCB 3020C with "C" (2.0) or better.

Course Description

Major topics of fungal biology, diversity, ecology, genetics, and genomics.

Current Fee Per Student

\$70.00

College

College of Sciences

Department

Department of Biology

BOT4434C - General Mycology**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- BSC 2010C, or BSC 2011C.

Course Description

This course is a survey of the Kingdom Fungi, covering the major topics of fungal diversity, structure, genetics, physiology, practical applications and pathogenicity.

Current Fee Per Student

\$70.00

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

BOT4503C - Plant Physiology**Credits Hours**

4

Lab/Studio/Field Work Hours

4

Prerequisites

- A grade of "C" (2.0) or better in BOT 3015 or C.I.

Course Description

Core concepts in plant physiology, with specific focus on photosynthesis, respiration, water relations, mineral nutrition, growth and allocation, hormones, secondary metabolites, reproduction, and stress physiology.

Current Fee Per Student

\$61.00

College

College of Sciences

Department

Department of Biology

BOT4530C - Plant Genomics and Biochemistry**Credits Hours**

4

Lab/Studio/Field Work Hours

3

Prerequisites

- A grade of "C" (2.0) or better in both BSC 2011C and BOT 3015, a grade of "C" (2.0) or better in PCB 3063, or C.I.

Course Description

Course core concepts in plant genomics, including the structuring of plant genomes and the major ways in which they differ from animal and microbe genomes.

Current Fee Per Student

\$61.00

College

College of Sciences

Department

Department of Biology

BOT4713C - Plant Taxonomy**Credits Hours**

5

Lab/Studio/Field Work Hours

6

Prerequisites

- BOT 3015, or C.I.

Course Description

Systematic classification and identification of vascular plants, with emphasis on the flora of peninsular Florida.

Current Fee Per Student

\$45.00

College

College of Sciences

Department

Department of Biology

BOT4850 - Medical Botany**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PCB 3522 or a "C" (2.0) or better in PCB 3023, or C.I.

Course Description

The medicinal properties of plants and their role in both traditional and modern medicine; history of herbal medicine and alternative medicinal practices around the world.

College

College of Sciences

Department

Department of Biology

BOT4912 - Directed Independent Research**Credits Hours**

1 - 99

Lab/Studio/Field Work Hours

0

Course Description

Directed Independent Research

College

College of Sciences

Department

Department of Biology

BOT4922 - Plant Science Capstone**Credits Hours**

2

Prerequisites

- PR: Biology Major, Plant Science Track, Senior standing, and BOT 3015 or C.I.

Course Description

To acquire integrative experiences from internships, interviews, research experiences, ePortfolios to help build career readiness or apply for higher studies.

College

College of Sciences

Department

Department of Biology

BOT4970H - Biology Honor's Thesis**Credits Hours**

1 - 99

Lab/Studio/Field Work Hours

0

Course Description

Biology Honor's Thesis

College

College of Sciences

Department

Department of Biology

BSC - Biology**BSC1005 - Biological Principles****Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

A study of various biological factors which affect the health and survival of man in modern society. Designed for non-majors.

College

College of Sciences

Department

Department of Biology

BSC1005L - Biological Principles Laboratory**Credits Hours**

1

Lab/Studio/Field Work Hours

2

Corequisites

- BSC 1005.

Course Description

The laboratory to accompany BSC 1005.

College

College of Sciences

Department

Department of Biology

BSC2010C - Biology I**Credits Hours**

4

Lab/Studio/Field Work Hours

2

Prerequisites

- High school biology or C.I.

Course Description

Open only to students whose major requires this specific course. Cellular and chemical basis of life, genetics, and the theory of evolution. Emphasis on problem solving, analysis, synthesis of information, and applying data effectively.

Current Fee Per Student

\$0.00

College

College of Sciences

Department

Department of Biology

BSC2010K - Honors General Biology
Credits Hours

4

Lab/Studio/Field Work Hours

3

Prerequisites

- Permission of Honors.

Course Description

Priority given to students whose major requires this course. Basic principles and unifying concepts of modern biology. Introduction to quantitative experimentation using intensive, open-ended labs.

Current Fee Per Student

\$24.00

College

College of Sciences

Department

Department of Biology

BSC2011C - Biology II

Credits Hours

4

Lab/Studio/Field Work Hours

3

Prerequisites

- A "C" (2.0) or better in BSC 2010C or C.I. Preference will be given to students whose program requires this course.

Course Description

Continuation of BSC 2010C. Organismal anatomy and physiology as it relates to biodiversity, ecology and evolution. Emphasis on problem solving, analysis, synthesis of information, and applying data effectively.

Current Fee Per Student

\$10.00

College

College of Sciences

Department

Department of Biology

BSC3052 - Conservation Biology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- A minimum grade of "C" (2.0) in PCB 3044 or CI.

Course Description

Science, history and principles of conservation biology.

College

College of Sciences

Department

Department of Biology

BSC3312 - Principles of Marine Biology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- A minimum grade of "C" (2.0) in both BSC 2010C and BSC 2011C.

Course Description

Provides students with a foundation in the field of marine biology using a global perspective.

College

College of Sciences

Department

Department of Biology

BSC3402C - Integrative Biology**Credits Hours**

4

Lab/Studio/Field Work Hours

3

Prerequisites

- BSC 2010C and BSC 2011C each with a "C" (2.0) or better, and C.I.

Course Description

A field-based course gathering information on natural history of various organisms in Florida, with special emphasis on scientific methods.

College

College of Sciences

Department

Department of Biology

BSC3403C - Quantitative Biological Methods**Credits Hours**

4

Lab/Studio/Field Work Hours

4

Prerequisites

- BSC 2010C and CHM 2046

Course Description

A laboratory course which presents modern methods and instrumentation used in quantitative biological experimentation.

Current Fee Per Student

\$59.00

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

BSC3403K - Honors Quantitative Biological Methods**Credits Hours**

4

Lab/Studio/Field Work Hours

4

Prerequisites

- Consent of Honors, BSC 2010C and CHM 2046

Course Description

A laboratory course which presents the concepts, modern methods, techniques and instrumentation used in quantitative biological and molecular biological experimentation. Honors level content.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

BSC3424 - Nanobiotechnology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MCB 1310, and either CHM 2046 or PHY 2054C .

Course Description

Biological processes in nano scale interactions with elements of physics & engineering.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

BSC3453C - Biological Research Methods and Experimental Design**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- PR: A grade of "C" or better in both BSC 2011C and STA 2023 and a grade of "C" or better in either PCB 3044 or PCB 3063, permission of Course Instructor.

Course Description

Research methods in biology, with specific focus on critical thinking, scientific skepticism, experimental design, and working with data relevant to biological questions.

College

College of Sciences

Department

Department of Biology

BSC3843L - Strategies for Biology Academic Mentoring**Credits Hours**

2

Lab/Studio/Field Work Hours

2

Prerequisites

- Junior or senior standing.

Course Description

Review research findings, theory, models and techniques of academic counseling and career advising.

College

College of Sciences

Department

Department of Biology

BSC4312C - Advanced Marine Biology**Credits Hours**

4

Lab/Studio/Field Work Hours

3

Prerequisites

- BSC 3312 and a "C" (2.0) or better in PCB 3044.

Course Description

An advanced treatment of current issues in marine biology, emphasizing biodiversity and marine conservation through research, service-learning and field experiences.

Current Fee Per Student

\$45.00

College

College of Sciences

Department

Department of Biology

BSC4330 - Invasion Biology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- A "C" (2.0) or better in PCB 3044, or C.I.

Course Description

General principles of invasion ecology. The study of addition of species into ecosystems as it provides insights into basic ecological and evolutionary questions.

College

College of Sciences

Department

Department of Biology

BSC4422L - Biology Laboratory Techniques**Credits Hours**

1 - 4

Lab/Studio/Field Work Hours

12-Mar

Prerequisites

- CHM 2210 and a "C" (2.0) or better in PCB 3044, or C.I.

Course Description

Individual and small group instruction in current laboratory techniques beyond the scope of typical Biology laboratories.

College

College of Sciences

Department

Department of Biology

BSC4434 - Biomedical Informatics: Sequence Analysis**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PCB 3522 or PCB 3023 or C.I.

Course Description

Introduction of useful bioinformatics tools and resources on sequence analysis.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

BSC4439 - Biomedical Informatics: Structure Analysis
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PCB 3522 or PCB 3023 or C.I.

Course Description

Introduction of useful bioinformatics tools and resources on RNA and protein structure analysis.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

BSC4445C - Genomics Laboratory
Credits Hours

4

Lab/Studio/Field Work Hours

3

Prerequisites

- A grade of a "B" (3 .0) or better in PCB 3063 and completion of EHS Lab Safety Training online course and practical by end of add/drop, or instructor consent.

Course Description

Hands-on approach to understanding how genomic datasets are generated in the lab, and how they are analyzed computationally using bioinformatics pipelines.

Current Fee Per Student

\$70.00

College

College of Sciences

Department

Department of Biology

BSC4456C - Programming for Biologists**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- STA 2023, BSC 2011C, MAC 2311C, and PCB 3063, or CI.

Course Description

Basic concepts in biological software applications and will cover multiple computer languages and biological topics.

College

College of Sciences

Department

Department of Biology

BSC4473C - Scientific Diving**Credits Hours**

4

Lab/Studio/Field Work Hours

4

Prerequisites

- BSC 1005 or BSC 2010C or EVR 1001, and C.I.

Course Description

Scientific diving and satisfies the 100 hours of training required by the American Academy of Underwater Sciences.

College

College of Sciences

Department

Department of Biology

BSC4821 - Biogeography**Credits Hours**

4

Lab/Studio/Field Work Hours

0

Prerequisites

- A "C" (2.0) or better in both PCB 3044 and PCB 4683, or C.I.

Course Description

Study of geographic variation in nature, ranging from past to present and genes to ecosystems.

College

College of Sciences

Department

Department of Biology

BSC4861L - Urban Ecological Field Studies**Credits Hours**

3

Lab/Studio/Field Work Hours

3

Prerequisites

- A "C" (2.0) or better in BSC 2010C or C.I.

Course Description

A service-learning course utilizing an interdisciplinary approach to developing models and implementing programs designed to result in environmental sustainability.

College

College of Sciences

Department

Department of Biology

BSC4910C - Group Effort Applied Research in Biology**Credits Hours**

4

Lab/Studio/Field Work Hours

6

Prerequisites

- BSC 2011C and C.I.

Prerequisites/Corequisites

- STA 2023

Course Description

Conduct novel research stemming from the instructor's active research program to become practitioners of science.

College

College of Sciences

Department

Department of Biology

BSC4927 - Scientific and Public Engagement for Biology Majors**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102, Biology major, junior standing, one of the following: PCB3063L, or PCB3044L, or PCB4683L, and by instructor consent. Honors in the Major students are encouraged to register for this course

Course Description

Practical experience and training disseminating biological research to a variety of audiences. Build skills in written, verbal, and visual representation of scientific or biological information.

College

College of Sciences

Department

Department of Biology

BSC4937 - Instructional Experiences in Undergraduate Biology

Credits Hours

2

Lab/Studio/Field Work Hours

2

Prerequisites

- PCB 3063, Biology major with 80 semester hours and 3.0 gpa.

Course Description

Preparation of undergraduate students to more effectively learn biological concepts by facilitating learning in variety of university biology labs.

College

College of Sciences

Department

Department of Biology

BTE - Business Teacher Education

BTE4410 - Course Construction in Business Education

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Course Description

An overview and examination of business curriculum and methodology integrated into the workforce frameworks. Planning and preparation of materials, managing the course, and involvement in career & technical student organizations.

College

College of Community Innovation and Education

Department

Department of Educational Leadership & Higher Education

BUL - Business Law

BUL3130 - Legal and Ethical Environment of Business**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Completion of each course in the Business common program prerequisites with a "C" (2.0) or better.

Course Description

Analysis of the law as a dynamic social and political institution in the business environment, including contract law, torts, and ethical consideration.

College

College of Business Administration

Department

Kenneth G Dixon School of Accounting

BUL3130H - Honors Legal & Ethical Environment of Business:**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing and business major or minor, permission of Honors.

Course Description

Analysis of the law as a dynamic social and political institution in the business environment, including ethical considerations with honors level content.

College

College of Business Administration

Department

Kenneth G Dixon School of Accounting

BUL4540 - Employment Law
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Management major or minor, MAN 3025 and MAN 3301.

Course Description

An examination of current employment law and issues/trends in the legal environment impacting human resource management system design, HRM policy and employee relations.

College

College of Business Administration

Department

Department of Management

CAP - Computer Applications

CAP3104 - Foundations of HCI
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CGS 2545C each with a grade of "C" (2.0) or better.

Course Description

Students will learn the foundational concepts of Human-Computer Interaction (HCI), including human-centered design principles, interaction modalities, design guidelines and heuristics, and interface evaluation techniques.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CAP4053 - AI for Game Programming**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- COP 3502C with a grade of "C" (2.0) or better or C.I.

Course Description

Surveys cutting-edge AI techniques for video games and board games and contrasts them with more traditional approaches.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CAP4102 - Web and User Experience (UX)**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- COP 3502C with a grade of "C" (2.0) or better.

Course Description

To meet a real world customer's needs, student teams will learn and apply user-centered principles to elicit requirements, prototype, and build a complete web-based solution.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CAP4145 - Introduction to Malware Analysis**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CIS 3360, (CGS 3269 or CDA 3103C), (CGS 3763 or COP 4600), or C.I.

Course Description

Introduction to using reverse engineering techniques to find and analyze the behavior of programs in binary form; assembly language, reverse engineering tools, and virtual machines.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CAP4314 - Social Network Analysis**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CNT 3004 and COP 3330.

Course Description

Introduce the concept of social network. Network structure and measures. Network visualization. Tie strength and propagation in networks. Methods for social network analysis(SNA). Public sector applications of SNA. Business applications of SNA.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CAP4453 - Robot Vision**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- COP 3503C and MAC 2312 each with a grade of "C" (2.0) or better or C.I.

Course Description

Perspective and orthographic projections; the processing of edges, regions, motion, shading, texture, object detection, recognition, and machine learning.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CAP4611 - Algorithms for Machine Learning**Credits Hours**

3

Prerequisites

- COP 3502C and STA 2023 each with a grade of "C" (2.0) or better

Course Description

An overview of the most commonly used algorithms for supervised, unsupervised, and reinforcement learning. Introduction to experimental design, evaluation metrics, and applications of machine learning.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CAP4630 - Artificial Intelligence**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- COP 3503C with a grade of "C" (2.0) or better and COT 3960.

Course Description

Current methods in AI: knowledge-based systems, representation, inference, planning, natural language. Programming in Lisp or Prolog required.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CAP4720 - Computer Graphics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- COP 3503C and MAC 1114C each with a grade of "C" (2.0) or better, and COT 3960.

Course Description

Math for computer graphics, visibility and shading, graphics and data structure, curves and surfaces, commodity graphics hardware, and graphics API.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CAP4932 - Introduction to Bioinformatics Algorithms**Credits Hours**

3

Course Description

Introduce algorithmic ideas for addressing real-world biological questions, including brute-force search, greedy algorithms, dynamic programming, randomized algorithms, graph algorithms, clustering algorithms and hidden Markov models.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CCE - Civil Construction Engineering**CCE4003 - Introduction to the Construction Industry****Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EGN 3613, EGN 3310 all with a grade of "C" (2.0) or better.

Course Description

Project delivery systems, construction contracts; estimating and scheduling; ethics and labor issues.

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

CCE4004 - Construction Methods
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CES 4100C with a grade of "C" (2.0) or better.

Course Description

Construction methods for civil and structural systems, design of temporary structures, safety, and building codes.

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

CCE4034 - Construction Estimating and Scheduling
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CCE 4003 with a grade of "C" (2.0) or better.

Course Description

Construction project estimating and bidding and the preparation of construction schedules, followed by in-depth coverage of time and cost control, and risk management.

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

CCE4402 - Construction Equipment and Productivity**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CCE 4003, CWR 3201 both with a grade of "C" (2.0) or better.

Course Description

Selection of appropriate equipment based on operational parameters, principles of construction productivity measurement and analysis, process design, and discrete event simulation.

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

CCE4810C - Construction Design Project**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- CCE 4034 and CCE 4813 all with a grade of "C" (2.0) or better, and department consent

Corequisites

- CCE 4402 and CCE 4004.

Course Description

The preparation and development of a proposal and plan for a construction project, including construction engineering systems, site facilities, construction methods, coordination, leadership, and control.

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

CCE4813 - Mechanical and Electrical Systems for Buildings:
Credits Hours

4

Lab/Studio/Field Work Hours

0

Prerequisites

- CCE 4003, PHY 2049C , CWR 3201 all with grades of "C" (2.0) or better.

Course Description

Design and construction of mechanical and electrical systems for buildings.

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

CCJ - Criminal Justice

CCJ3007 - Origins of Criminal Justice
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1101 and ENC 1102 or C.I.

Course Description

Examines a variety of social ills and critical events in the history of mankind that led to the development of criminal justice institutions.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CCJ3014 - Crime in America**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore standing and ENC 1102.

Course Description

A survey of crime and criminality in the United States, with emphasis on crime data, its weaknesses, and types of criminal behavior.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CCJ3024 - Criminal Justice System**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore standing and ENC 1102.

Course Description

An examination of the components and of their interdependence in light of their traditional autonomy.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CCJ3450 - Criminal Justice Management and Liability Issues
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CCJ 3024 or C.I.

Prerequisites/Corequisites

- CCJ3024 and CJL3510 or CI

Course Description

First-line management processes affecting criminal justice agencies. Familiarizes students with fundamental liability concepts regarding criminal justice practices. Analyze management problems and apply effective interventions

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CCJ3451 - Justice System Technology

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CCJ 3024 or C.I.

Course Description

Examination of the relevance of scientific and technological developments to justice systems and their applicability to the operations and management of the systems.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CCJ3604 - Mental Illness, Crime and Criminal Justice**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CCJ 3024 or equivalent.

Prerequisites/Corequisites

- CCJ 3024 OR CI

Course Description

POLICE, COURTS, AND CORRECTIONS COME INTO CONTACT WITH PEOPLE WHO ARE MENTALLY ILL. THIS COURSE EXAMINES HOW MENTAL ILLNESS IS MANAGED THROUGHOUT THE CJ SYSTEM.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CCJ3667 - Victims and the CJ System**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CCJ 3024 or declared Victim Advocacy Certificate or C.I.

Course Description

Course examines Victims as they affect the Criminal Justice system, the dimensions of criminal victimization, and victim offender programs.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CCJ3930 - Origins of Criminal Justice Practices and Policies**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore Level

Course Description

Course will examine a variety of social ills and critical events in the history of humanity that led to the development of criminal justice institutions.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CCJ4035 - Crime and the Media**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CCJ 3024 or C.I.

Course Description

Explore how the criminal justice system, criminals, and crime are portrayed in the media and its impact on society and the criminal justice system.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CCJ4054 - Capstone: Criminal Justice Ethics
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Senior Standing and CCJ 4746 or C.I.

Course Description

Analysis of criminal justice ethical issues. Moral dilemmas across police, courts, corrections and juvenile justice including development of humane policies and procedures.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CCJ4062 - Hate Crimes and Criminal Justice Responses
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CCJ3024 or C.I.

Course Description

Criminal justice approaches to hate crimes, including theories, case studies, organization, legal outcomes, and criminal justice majors' roles in researching and preventing hate crimes.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CCJ4064 - Criminal Justice Dimensions of Genocide**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CCJ 3014 or C.I.

Course Description

Elements of Criminal Justice approach to genocide, including theories, precursors, case studies, organization, legal outcomes, and criminal justice majors' roles in studying and preventing genocide.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CCJ4076 - Crime Intelligence and Investigative Support Analysis**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior Standing.

Course Description

Provides an understanding of basic crime intelligence and investigative support analytical tools and information management systems employed to assist law enforcement.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CCJ4129 - Cultural Diversity in Criminal Justice**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CCJ 3024 or (declared Victim Advocacy Certificate & Junior Standing) or C.I.

Course Description

This course focuses on the problems and issues associated with race, ethnic and gender relations in the administration of justice in a democratic society.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CCJ4195 - Interviews & Interrogations in CJ**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CCJ 3024 or (Criminal Profiling or Crime Scene Investigation certificate declared & Junior standing) or C.I.

Course Description

The criminal justice interview process including history of criminal justice interviews, the use of Miranda, non-verbal listening, and the rules of testimonial evidence.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CCJ4296 - Famous Crimes & Trials
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CCJ 3014 or CCJ 3024 or consent of instructor.

Course Description

A detailed examination of selected famous American crimes and trials since 1900.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CCJ4334 - Punishment and Torture
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 and sophomore standing or CI

Course Description

Contemporary issues associated with formal social control by government and religious institutions and how it has been utilized historically.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CCJ4361 - Death Penalty**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore standing and ENC 1102.

Course Description

This course provides students an opportunity to analyze and discuss complex issues surrounding the death penalty and the criminal justice system.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CCJ4611 - Ritualistic Crime and Investigations**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102, Sophomore Standing or CI

Course Description

Contemporary issues associated with ritualistic crime investigations.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CCJ4632 - Older Adults and the Criminal Justice System**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 and (Jr. Standing or declared Victim Advocacy Certificate) or C.I.

Course Description

An examination of older adults as victims and offenders within the Criminal Justice system.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CCJ4633 - Guns, Crime, and American Culture**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CCJ 3024 or equivalent.

Prerequisites/Corequisites

- CCJ 3024 or CI

Course Description

Intersection between guns, crime, and American culture, and its impact on all domains of the criminal justice system.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CCJ4641 - Organized Crime
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore standing and ENC 1102.

Course Description

An examination of organized crime, including structures, history and activities, and of issues surrounding efforts to define and control it.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CCJ4644 - White Collar Crime
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CCJ 3014 or C.I.

Course Description

Classic definitions and statements on white collar crime concepts, concepts and criminal activities, types of fraud, investigations, environmental crime, and corporate crime.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CCJ4651 - Drugs and Crime**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore standing and ENC 1102.

Course Description

Focuses on the problems of drugs and drug control in contemporary society. Students will examine the problems of drugs in our society as well as specific strategies used by criminal justice agencies to prevent and control illicit drug use.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CCJ4670 - Women and Crime**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore standing and ENC 1102.

Course Description

This course covers women in criminal justice as offenders and prisoners, as well as crime victims and professionals working in the system.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CCJ4678 - Race, Ethnicity, Equity, and (In)justice
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CCJ 3024 or equivalent

Prerequisites/Corequisites

- CCJ 3024 or equivalent

Course Description

This course is designed to engage students in critical discussions surrounding race, ethnicity, equity, (in)justice, and the criminal justice system.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CCJ4681 - Domestic Violence and the Justice System

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CCJ 3024 or (declared Victim Advocacy Certificate & Junior standing) or C.I.

Course Description

Study of the nature and causes of forms of domestic violence, pertaining to laws, prevention strategies, and justice system response.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CCJ4690 - Sex Offenders and the Criminal Justice System**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- (Junior standing and CCJ 3024 and CJ majors) or (Junior standing and Criminal Profiling or Victim Advocacy certificate declared) or C.I.

Course Description

Provides students a better understanding of how the criminal justice system deals with sex offenders and their offenses.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CCJ4694 - Human Trafficking and Criminal Justice**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CCJ 3024 or C.I.

Course Description

Human trafficking from the global, national and local criminal justice perspectives.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CCJ4701 - Research Methods in Criminal Justice**Credits Hours**

4

Lab/Studio/Field Work Hours

0

Prerequisites

- CCJ 3014 and CCJ 3024, or C.I.

Course Description

Overview of social science research methodologies in criminal justice, covers major forms of research designs used by social science and evaluates their strengths and weaknesses.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CCJ4746 - Data Analysis for Criminal Justice**Credits Hours**

4

Lab/Studio/Field Work Hours

0

Prerequisites

- A grade of "C" or better in MAC 1105 or MGF 1106 or higher-level math class or AA Degree, and CCJ 4701, or C.I.

Course Description

Analytical methods useful for examining the types of data most often encountered in criminal justice research and develops the knowledge and understanding necessary to comprehend and interpret basic statistics in criminal justice research, literature and reports.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CCJ4934 - Emergent Criminal Justice Issues

Credits Hours

1 - 3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore Standing and ENC 1102.

Course Description

Developing trends and issues in criminal justice facing administrators, practitioners, and researchers.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CDA - Computer Design/Architecture

CDA3103C - Computer Logic and Organization

Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites

- COP 3223C with a grade of "C" (2.0) or better.

Course Description

Logic design, computer arithmetic, Instruction Set Architecture (MIPS, SPIM simulator), performance, data path, control unit, memory hierarchy, I/O interface.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CEG - Civil Geotechnical Structures

CEG4011C - Geotechnical Engineering I
Credits Hours

4

Lab/Studio/Field Work Hours

2

Prerequisites

- EGN 3331C and CWR 3201 both with a grade of "C" (2.0) or better.

Course Description

Engineering properties and classification of soils. Design considerations for compaction, seepage, consolidation, and settlement analysis.

Current Fee Per Student

\$21.00

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

CEG4012 - Geotechnical Engineering II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CEG 4011C with a grade of "C" (2.0) or better.

Course Description

Consolidation, shear strength, earth pressures and retaining walls, bearing capacity, foundation considerations, and slope stability.

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

CEG4203 - Geotechnical Methods and Case Histories**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CEG 4012 (Geotechnical Engineering II) and CGN 3405 (Applied Numerical Methods for Civil Engineering), both with a grade of "C" (2.0) or better.

Course Description

Analysis of geohazards and geotechnical engineering problems related to underground structures, pavements, soil stabilization, and soil geochemistry and remediation using experimental and computational methods.

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

CEG4801C - Geotechnical Engineering Design**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CEG 4012 with a grade of "C" (2.0) or better and department consent.

Course Description

Project course on design of foundations and other soil structures using geotechnical design methodologies.

Current Fee Per Student

\$14.00

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

CEN - Computer Programming

CEN3024 - Software Development I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- COP 3330 or C.I.

Course Description

Software development concepts are introduced in the context of hands-on project implementation. SDLC, version control, design with UML, documentation, testing, 2&3-tier architecture.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CEN4025 - Software Development II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CEN 3024 or C.I.

Course Description

A continuation of Software Development I with larger and more complex projects. Enterprise-level applications are covered including distributed and web-based systems using n-tier architecture.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CEN4333 - Advanced Database Development
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- COP 3330 or C.I.

Course Description

Professional-level database access from object-oriented systems, including complex SQL queries and stored procedures. Use of object-relational frameworks. Hands-on exercises with current RDBMS software.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CEN4350 - Open Source Web Technologies
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- COP 3330 or C.I.

Course Description

Web application development using currently popular open-source/open-standard tools. User-interface, the business layer, database, and deploying to the webserver.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CEN4360 - Mobile Device Software Development**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- COP 3330 or C.I.

Course Description

Concepts and practice of software development for mobile devices. User interface, data persistence, data communication, use of APIs for sound, mapping, GPS, sensors, etc.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CEN4370 - .NET Software Development using C#**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- COP 3330 or C.I.

Course Description

.NET Windows and Web application development. Use of the .NET Framework class library. N-tier architecture. User interface, collections, database connectivity, and deployment.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CEN4802 - Software Integration, Configuration, and Testing
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CEN 3024 or equivalent or CI.

Course Description

Addresses approaches and issues associated with integration of software subsystems and components into one system to ensure that the subsystems function together.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CEN4910 - Software Development Project
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CEN 4025 or C.I.

Course Description

A software development project using the skills acquired from Software Development I & II. Working in teams, students develop a software system, simulating an industry experience.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CES - Civil Engineering Structure

CES4100C - Structural Analysis I and Lab**Credits Hours**

4

Prerequisites

- MAP 2302, EGN 3331C and CGN 3405, all with grades of "C" (2.0) or better.

Course Description

Topics in structural mechanics, analysis of determinate and indeterminate structures by flexibility and stiffness methods computer and laboratory exercises on behavior of structures and materials.

Current Fee Per Student

\$21.00

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

CES4205 - Structural Mechanics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EGN 3331C and CGN 3405 both with grades of "C" (2.0) or better.

Course Description

Advanced mechanics of materials applied to civil structural systems, elasticity, torsion, inelastic bending, failure theory for concrete and soils, compatibility, equilibrium, and energy methods.

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

CES4605 - Steel Structures**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CES 4100C with a grade of "C" (2.0) or better.

Course Description

Design of structural steel members and buildings; emphasis on AISC-ASD building code; introduction to AISC-LRFD building code; tension and compression members, beams, beam-columns, connections.

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

CES4702 - Reinforced Concrete Structures**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CES 4100C with a grade of "C" (2.0) or better.

Course Description

Design of RC members using ACI code; beam flexure and shear; compression bending; bond and development; introduction to continuous frames.

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

CES4743C - Structural Design**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- CES 4605 and CES 4702 both with grade of "C" (2.0) or better and department consent.

Course Description

This course prepares students for real life structural design with the fundamentals and applications of both steel and concrete analysis and design at the member and system level.

Current Fee Per Student

\$24.00

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

CET - Computer Engineering Technology

CET3010 - Introduction to Information Technology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAC 1105C.

Course Description

An introduction to IT field, including binary representation, graphics, data compression, information theory, transmission and storage technology, and communications.

College

College of Engineering and Computer Science

Department

Engineering Technology Department

CET3383 - Applied Systems Analysis I**Credits Hours**

3 - 99

Lab/Studio/Field Work Hours

0

Prerequisites

- Approved programming course or C.I.

Course Description

Study of system analysis, design, development and implementation cycle. Includes Object Oriented Programming (OOP) to implement system programs.

College

College of Engineering and Computer Science

Department

Engineering Technology Department

CET4427 - Applied Database I**Credits Hours**

3 - -6

Lab/Studio/Field Work Hours

0

Prerequisites

- Approved programming course or C.I.

Course Description

Design and implementation of data base systems within the concept of central administration, structured data storage. Programming project.

College

College of Engineering and Computer Science

Department

Engineering Technology Department

CET4483 - Intro to Local Area Network Technology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Approved programming course or C.I.

Course Description

An introductory level course in local area networks. Topics in data communications, computer networking, local area network technology, topologies, and protocols will be covered.

College

College of Engineering and Computer Science

Department

Engineering Technology Department

CET4505 - Applied Operating Systems I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CET 2364.

Course Description

Modifying the operating systems to support new types of devices. Analysis of limitations and strengths of commercial mass storage operating systems in industry. O.S. tool box usage.

College

College of Engineering and Computer Science

Department

Engineering Technology Department

CET4663 - Computer and Network Security
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CET 4483, MAC 1105C.

Course Description

Fundamentals of computer security technology, including cryptography, authentication, digital signatures, and network security tools and applications.

College

College of Engineering and Computer Science

Department

Engineering Technology Department

CET4748 - Wide Area Networks I
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CET 4483 or C.I.

Course Description

Designing Wide Area Networks; determining requirements, designing the networks, structure, choosing appropriate technologies, and evaluating results.

College

College of Engineering and Computer Science

Department

Engineering Technology Department

CET4749 - Wide Area Networks II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CET 4748.

Course Description

Traffic and cost generators. Access network design. Multi-speed access designs. Multilocal-access and mesh network design.

College

College of Engineering and Computer Science

Department

Engineering Technology Department

CGN - Civil Engineering

CGN3405 - Applied Numerical Methods for Civil Engineering
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAC 2313 with a grade of "C" (2.0) or better;

Corequisites

- MAP 2302.

Course Description

Application-driven numerical solution of common Civil and Environmental Engineering problems using linear algebra, interpolation, differentiation and integration, nonlinear systems, ODEs and IVPs, and linear programming.

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

CGN3501C - Civil Engineering Materials**Credits Hours**

3

Lab/Studio/Field Work Hours

3

Prerequisites

- A grade of "C" (2.0) or better in EGN 3331C and in CHS 1440 or CHM 2045C or CHM 2041.

Course Description

The characterization of materials used in civil engineering works to include concrete, bituminous polymers and composite materials.

Current Fee Per Student

\$30.00

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

CGN3700C - Civil Engineering Measurements**Credits Hours**

2

Lab/Studio/Field Work Hours

2

Prerequisites

- MAC 2312 and PHY 2049C both with a grade of "C" (2.0) or better.

Course Description

Engineering measurement, data analysis, and experimental hardware including electronics, system components, and calibration. Specific applications in civil engineering including surveying, GPS, and GIS

Current Fee Per Student

\$30.00

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

CGN4309 - Introduction to Smart Cities**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in (CGN 3405 or EML 3034C or EEL 4832).

Course Description

This course is intended to provide a broad multidisciplinary background about the different technologies used in smart sustainable cities with special emphasis to civil engineering.

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

CGN4808C - CECE Capstone Design**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- "C" (2.0) or better in a previous CECE design course and department consent.

Course Description

An interdisciplinary capstone design experience requiring problem definition, data collection, analysis of alternatives, economic evaluation of alternatives, and oral and written presentation of final design.

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

CGS - Computer General

CGS1060C - Introduction to Computers**Credits Hours**

3

Course Description

Digital Literacy, Computer Hardware, Peripheral Components, Memory Devices, Effects of Computers on Society, Application of Computers. Not Open to Computer Science Majors.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CGS2100C - Computer Fundamentals for Business**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Course Description

Uses of computers and software in business, including business applications, commercial packages, and the internet. Not open to Computer Science majors.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CGS2545C - Database Concepts**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- COP 2500C or high level programming course (C, Java, C#, C++) with a grade of "C" (2.0) or better.

Course Description

Entity-relation model, relational database managements systems, normal forms, performance or databases, report generation.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CGS2585C - Desktop/Internet Publishing
Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites

- COP 2500C or high level programming course (C, Java, C#, C++) with a grade of "C" (2.0) or better.

Course Description

Principles and techniques of page layout and formatting for documents and newsletters, presentation techniques, construction of web pages and design of integrated websites.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CGS3175 - Internet Applications
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- COP 2500C or high level programming course (C, Java, C#, C++) with a grade of "C" (2.0) or better.

Course Description

HTML coding, using images, sound and animation, advanced text formatting, forms and CGS scripts, introduction to javascript.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CGS3269 - Computer Architecture Concepts**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- COP 2500C or high level programming course (C, Java, C#, C++) with a grade of "C" (2.0) or better.

Course Description

CPU organization, current computer architectures, network file servers.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CGS3763 - Operating System Concepts**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- COP 2500C or high level programming course (C, Java, C#, C++) with a grade of "C" (2.0) or better.

Course Description

System calls, concept of processes, CPU scheduling, security issues, client server paradigms, and computer supported workgroups.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CHI - Chinese

CHI1120C - Elementary Chinese Language and Civilization I
Credits Hours

4

Lab/Studio/Field Work Hours

1

Course Description

Designed to initiate the student to the major language skills: listening, speaking, reading and writing.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

CHI1121C - Elementary Chinese Language and Civilization II
Credits Hours

4

Lab/Studio/Field Work Hours

1

Prerequisites

- CHI 1120C or equivalent.

Course Description

Continuation of CHI 1120C.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

CHI2200 - Intermediate Chinese I
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CHI 1121C or equivalent or C.I.

Course Description

Development of Chinese language skills at the intermediate level.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

CHI2201 - Intermediate Chinese II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CHI 2200.

Course Description

Continuation of CHI 2200 with emphasis on Chinese cultures.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

CHM - Chemistry

CHM1020 - Concepts in Chemistry**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- High school Algebra.

Course Description

Concepts will be examined to provide insight into the significant role that chemistry plays in our culture. Intended as a general education course.

College

College of Sciences

Department

Department of Chemistry

CHM1025 - Introduction to Chemistry**Credits Hours**

2

Lab/Studio/Field Work Hours

0

Prerequisites

- C (2.0) or better in MAT 1033 or math placement higher than MAT 1033.

Course Description

Introduction to elementary principles of modern chemistry with an emphasis on atomic structure, stoichiometry, and quantitative reasoning. This course prepares students to take CHM 2045C.

College

College of Sciences

Department

Department of Chemistry

CHM1032 - General Chemistry**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Complete all of the following
 - Earn a minimum grade of C in each of the following:
 - Course Not Found
 - Course Not Found
 - Or a higher math

Course Description

An introductory study of the fundamental concepts of chemistry, primarily oriented toward Health Science majors. The "NC" grading policy applies to this course.

College

College of Sciences

Department

Department of Chemistry

CHM1032L - General Chemistry Laboratory**Credits Hours**

1

Lab/Studio/Field Work Hours

3

Course Description

Preference will be given to students whose major requires this course. An introductory study of physical and chemical properties of elements and compounds. IMPORTANT: Attendance of the first laboratory session dealing with safety procedures is mandatory; students who do not attend must immediately call the Chemistry Department, and may be dropped from the class.

Current Fee Per Student

\$54.00

College

College of Sciences

Department

Department of Chemistry

CHM2040 - Chemistry Fundamentals IA**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- A minimum score of 550 (SAT) or 24 (ACT) in the mathematics section. MAC 1105C recommended. Not open to students with credit in CHM 2045C. Priority will be given to students whose major requires this course or CHM 2045C.

Course Description

Principles of modern chemistry, units and measures, basic physical theory of chemical reactivity, stoichiometry, reactions in aqueous solutions, thermochemistry. The "NC" grading policy applies to this course.

Current Fee Per Student

\$6.00

College

College of Sciences

Department

Department of Chemistry

CHM2041 - Chemistry Fundamentals IB**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CHM 2040 or its equivalent with a grade of C or better. Not open to students with credit in CHM 2045C.

Course Description

The second semester of CHM 2040. Atomic structure, periodicity, chemical bonding, states of matter, gases. The "NC" grading policy applies to this course.

College

College of Sciences

Department

Department of Chemistry

CHM2045C - Chemistry Fundamentals I**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- C (2.0) or better in CHM 1025 or a passing score in the Chemistry Placement Exam. And C (2.0) or better in MAC 1105 or math placement beyond MAC 1105. Not open to students with credit in both CHM 2040C and CHM 2041C. Priority will be given to students whose major requires this course.

Course Description

Modern chemistry principles, units & measures, physical theory of chemical reactivity, stoichiometry, reactions in aqueous solutions, thermochemistry, atomic structure, periodicity, chemical bonding, states of matter, gases.

College

College of Sciences

Department

Department of Chemistry

CHM2045K - Honors Chemistry Fundamentals I**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- C (2.0) or better in CHM 1025 or a passing score in the Chemistry Placement Exam. And C (2.0) or better in MAC 1105 or math placement beyond MAC 1105. Not open to students with credit in both CHM 2040C and CHM 2041C. Priority will be given to students whose major requires this course. With consent of honors

Course Description

Same as CHM 2045C with honors-level content.

Current Fee Per Student

\$9.00

College

College of Sciences

Department

Department of Chemistry

CHM2046 - Chemistry Fundamentals II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" (2.0) grade or better in CHM 2045C or CHM 2041. Priority will be given to students whose major requires this course.

Course Description

Continuation of CHM 2045C or the CHM 2040 & CHM 2041 sequence. Intermolecular forces, solutions and colligative properties. equilibria, thermodynamics, chemical kinetics, electrochemistry, nuclear chemistry.

College

College of Sciences

Department

Department of Chemistry

CHM2046K - Honors Chemistry Fundamentals II**Credits Hours**

4

Lab/Studio/Field Work Hours

3

Prerequisites

- A "C" (2.0) or better in CHM 2045C and permission of Honors.

Course Description

Same as CHM 2046 and CHM 2046L with honors-level content.

Current Fee Per Student

\$45.00

College

College of Sciences

Department

Department of Chemistry

CHM2046L - Chemistry Fundamentals Laboratory**Credits Hours**

1

Lab/Studio/Field Work Hours

3

Prerequisites/Corequisites

- CHM 2046. Priority will be given to students whose major requires this course.

Course Description

Illustration of chemical principles and introduction to the techniques of inorganic and physical chemistry. IMPORTANT: Attendance of the first laboratory session dealing with safety procedures is mandatory; students who do not attend must immediately call the Chemistry Department, and may be dropped from the class.

Current Fee Per Student

\$45.00

College

College of Sciences

Department

Department of Chemistry

CHM2205 - Introduction to Organic and Biochemistry**Credits Hours**

5

Lab/Studio/Field Work Hours

0

Prerequisites

- C (2.0) or better in CHM 1032 or equivalent.

Course Description

An introduction to organic chemistry, stressing the chemistry of functional groups and a survey of the biochemistry of proteins, carbohydrates, lipids, and nucleic acids.

College

College of Sciences

Department

Department of Chemistry

CHM2210 - Organic Chemistry I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- A "C" (2.0) or better in CHM 2046. Priority will be given to students whose major requires this course.

Course Description

Theory and applications of organic chemistry: structure, bonding, kinetics, thermodynamics, reaction mechanisms, synthesis, and stereochemistry. Structure elucidation via spectrometric techniques.

College

College of Sciences

Department

Department of Chemistry

CHM2210H - Honors Organic Chemistry I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: A "C" (2.0 or better in CHM 2046 and consent of Honors

Course Description

Theory and applications of organic chemistry: structure, bonding, kinetics, thermodynamics, reaction mechanisms, synthesis, and stereochemistry. Structure elucidation via spectrometric techniques with honors content.

College

College of Sciences

Department

Department of Chemistry

CHM2211 - Organic Chemistry II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- C (2.0) or better in CHM 2210. Priority will be given to students whose major requires this course.

Course Description

Continuation of CHM 2210.

College

College of Sciences

Department

Department of Chemistry

CHM2211H - Honors Organic Chemistry II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: A "C" (2.0 or better in CHM 2210 or CHM 2210H and consent of Honors

Course Description

Continuation of CHM 2210H with honor's content.

College

College of Sciences

Department

Department of Chemistry

CHM2211L - Organic Laboratory Techniques I**Credits Hours**

2

Lab/Studio/Field Work Hours

3

Prerequisites

- C (2.0) or better in both CHM 2046L and CHM 2210. Priority will be given to students whose major requires this course.

Course Description

Introduction organic chemistry laboratory techniques; preparation, reaction, analysis of organic compounds. *Mandatory first laboratory (safety procedures); absent students call Chemistry Department; class may be dropped.

Current Fee Per Student

\$70.00

College

College of Sciences

Department

Department of Chemistry

CHM3120 - Analytical Chemistry**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- C (2.0) or better in CHM 2046 and C (2.0) or better in CHM 2046L.

Course Description

Classical and instrumental analysis. Choice of preferred analytical methods and techniques is emphasized through applications involving both inorganic and organic systems.

College

College of Sciences

Department

Department of Chemistry

CHM3120L - Analytical Chemistry Laboratory**Credits Hours**

1

Lab/Studio/Field Work Hours

2

Prerequisites

- C (2.0) or better in CHM 2046, and C (2.0) or better in CHM 2046L.

Prerequisites/Corequisites

- CHM 3120.

Course Description

Experimental exercise of analytical quantitative methods; titrimetric, gravimetric, potentiometric and photometric methods. *Mandatory first laboratory session; absent students call Chemistry Department; class may be dropped.

Current Fee Per Student

\$70.00

College

College of Sciences

Department

Department of Chemistry

CHM3215L - Organic Laboratory Techniques II**Credits Hours**

2

Lab/Studio/Field Work Hours

0

Prerequisites

- C (2.0) or better in CHM 2211 and CHM 2211L.

Course Description

Open-end laboratory to develop synthesis techniques & structure elucidation skills. *Mandatory first laboratory session (safety procedures); absent students call Chemistry Department, class may be dropped.

Current Fee Per Student

\$70.00

College

College of Sciences

Department

Department of Chemistry

CHM3410 - Physical Chemistry I**Credits Hours**

4

Lab/Studio/Field Work Hours

0

Prerequisites

- C (2.0) or better in CHM 2046, PHY 2049C , and MAC 2312.

Course Description

Rigorous treatment of atomic and molecular structure, thermodynamics, kinetics, and chemical bonding.

College

College of Sciences

Department

Department of Chemistry

CHM3411 - Physical Chemistry II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- C (2.0) or better in CHM 3410.

Course Description

Continuation of CHM 3410.

College

College of Sciences

Department

Department of Chemistry

CHM3411L - Physical Chemistry Laboratory**Credits Hours**

2

Lab/Studio/Field Work Hours

6

Prerequisites

- C (2.0) or better in CHM 3120 and CHM 3410.

Prerequisites/Corequisites

- CHM 3411.

Course Description

Classical as well as modern instrumental techniques coupled with computer data processing to measure physical properties and determine atomic and molecular parameters.

Current Fee Per Student

\$70.00

College

College of Sciences

Department

Department of Chemistry

CHM3422 - Applied Physical Chemistry**Credits Hours**

3

Prerequisites

- PHY 2049C - General Physics Using Calculus II C (2.0) or better in CHM 2046, PHY 2049C and MAC 2312.

Course Description

Physical chemistry as applied to the study of biological and forensic science.

College

College of Sciences

Department

Department of Chemistry

CHM4130 - Advanced Analytical Laboratory Technique**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CHM 2211, CHM 3120 (with a minimum grade of "C" or 2.0) and

Prerequisites/Corequisites

- CHM 3411 or CHM 3422.

Course Description

Modern methods of analysis including electrochemistry, spectroscopy, and separation techniques.

College

College of Sciences

Department

Department of Chemistry

CHM4130L - Advanced Analytical Chemistry Laboratory**Credits Hours**

2

Prerequisites

- C (2.0) or better in CHM 3120L.

Prerequisites/Corequisites

- CHM 4130.

Course Description

Experimental exercise of instrumental methods of analysis. Successful students will develop practical skills performing experiments based on spectroscopic and chromatographic methods of analysis. Statistical data treatment of experimental results will be also exercised.

Current Fee Per Student

\$70.00

College

College of Sciences

Department

Department of Chemistry

CHM4220 - Organic Chemistry III**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- C (2.0) or better in CHM 2211 or its equivalent.

Course Description

Organic reaction mechanisms and retrosynthetic analysis and their application to synthetic chemistry.

College

College of Sciences

Department

Department of Chemistry

CHM4223 - Advanced Organic Chemistry**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CHM 2211 with C (2.0) or better or equivalent

Course Description

Theoretical and experimental treatment of physical organic chemistry concepts from the perspective of modern structural theory, thermodynamics, and kinetics

College

College of Sciences

Department

Department of Chemistry

CHM4230 - Applied Molecular Spectroscopy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CHM 2211 and CHM 3120 both with C (2.0) or better or C.I.

Course Description

Determination of chemical structure through interpretation of UV, IR, NMR, and Mass Spectra.

College

College of Sciences

Department

Department of Chemistry

CHM4427 - Electrochemistry**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- C (2.0) or better in CHM 2046.

Course Description

Electrochemical methods and their applications.

College

College of Sciences

Department

Department of Chemistry

CHM4610 - Inorganic Chemistry**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- C (2.0) or better in CHM 3410

Prerequisites/Corequisites

- CHM 3411

Course Description

A discussion of descriptive inorganic chemistry based on various bonding theories, thermodynamics, and kinetics.

College

College of Sciences

Department

Department of Chemistry

CHM4610L - Inorganic Chemistry Laboratory**Credits Hours**

2

Lab/Studio/Field Work Hours

6

Prerequisites

- C (2.0) or better in CHM 4610.

Course Description

A study of physical and chemical properties and synthetic techniques in Inorganic Chemistry.

Current Fee Per Student

\$70.00

College

College of Sciences

Department

Department of Chemistry

CHM4906 - Directed Independent Study**Credits Hours**

1 - 99

College

College of Sciences

Department

Department of Chemistry

CHM4912 - Directed Independent Research**Credits Hours**

0 - 99

College

College of Sciences

Department

Department of Chemistry

CHM4930 - Chemistry Seminar I**Credits Hours**

1

Lab/Studio/Field Work Hours

0

Prerequisites

- C (2.0) or better in CHM 3120.

Course Description

Student finds a faculty adviser. In consultation with adviser, prepares draft seminar on undergraduate research or literature topic. Attends approved seminars. Completes CITI ethics course.

College

College of Sciences

Department

Department of Chemistry

CHM4931 - Chemistry Seminar II**Credits Hours**

1

Lab/Studio/Field Work Hours

0

Prerequisites

- C (2.0) or better in CHM 4930.

Course Description

Student builds upon the seminar prepared in CHM 4930 and presents it to the seminar class, adviser and instructor. Attends approved seminars.

College

College of Sciences

Department

Department of Chemistry

CHM4942 - Instructional Experiences in Undergraduate Chemistry**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- ENC 1102, B (3.0) or higher in CHM 2045 and C.I.

Course Description

Students enrolled in course will act as Learning Assistants in a chemistry classroom. The course involves coverage of chemistry concepts and training in pedagogical techniques.

College

College of Sciences

Department

Department of Chemistry

CHS - Chemistry Specialized

CHS1440 - Principles of Chemistry**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- One year of high school chemistry or .

Course Description

Basic concepts of chemistry, with emphasis on problem solving, including atomic and molecular structure, states of matter, stoichiometry, equilibria, electrochemistry and thermodynamics. The "NC" grading policy applies to this course.

College

College of Sciences

Department

Department of Chemistry

CHS3501 - Introduction to Forensic Science**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- ENC 1101. Preference will be given to students whose majors require this course.

Course Description

Intended for majors and non-majors to provide an overview of the specialty areas in the forensic crime lab.

College

College of Sciences

Department

Department of Chemistry

CHS3505C - Forensic Microscopy**Credits Hours**

4

Lab/Studio/Field Work Hours

6

Prerequisites

- C' grade or better in CHM 2046 & L, and CHS 3501, and MAC 2312.

Prerequisites/Corequisites

- PHY 2049C . The study of the polarized light microscope and its use in the identification and comparison of trace evidence.

Current Fee Per Student

\$70.00

College

College of Sciences

Department

Department of Chemistry

CHS3511C - Trace Evidence**Credits Hours**

4

Lab/Studio/Field Work Hours

6

Prerequisites

- C' grade or better in CHM 2211 , CHM 3120 , CHM 3120L , CHS 3505C .

Course Description

An advanced study of the techniques used to identify and compare trace evidence.

Current Fee Per Student

\$70.00

College

College of Sciences

Department

Department of Chemistry

CHS3530C - Forensic Analysis of Controlled Substances**Credits Hours**

4

Lab/Studio/Field Work Hours

3

Prerequisites

- C (2.0) or better in CHM 2211 , CHM 2211L , CHM 3120 , CHM 3120L , CHS 3505C

Course Description

Study of presumptive tests, isolation, and instrumental techniques used in identification of controlled substances.

Current Fee Per Student

\$70.00

College

College of Sciences

Department

Department of Chemistry

CHS3533 - Forensic Biochemistry I**Credits Hours**

2

Lab/Studio/Field Work Hours

0

Prerequisites

- C' or better in PCB 3063.

Course Description

Concepts and procedures of contemporary forensic biochemistry, including the identification of body fluids and the use of genetic markers to establish identity.

College

College of Sciences

Department

Department of Chemistry

CHS3533L - Forensic Biochemistry I Laboratory**Credits Hours**

1

Lab/Studio/Field Work Hours

3

Prerequisites

- C' or better in PCB 3063, PCB 3063L

Prerequisites/Corequisites

- CHS 3533.

Course Description

Concepts and procedures of contemporary forensic biochemistry. Emphasis on techniques and procedures used in operational crime laboratories in the U.S.

Current Fee Per Student

\$70.00

College

College of Sciences

Department

Department of Chemistry

CHS3595 - Forensic Science in the Courtroom**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" grade or better in CHS 3501 and senior level in Forensic Science.

Course Description

The special needs of the forensic scientist in preparing for and participating in courtroom proceedings.

College

College of Sciences

Department

Department of Chemistry

CHS4506C - Forensic Investigation Technology**Credits Hours**

3

Lab/Studio/Field Work Hours

3

Prerequisites

- A grade of "C" or better in CHS 3505C or C.I.

Course Description

Modern technology applied to forensic investigation.

College

College of Sciences

Department

Department of Chemistry

CHS4515C - Forensic Crime Scene Investigation**Credits Hours**

3

Lab/Studio/Field Work Hours

3

Prerequisites

- Grade of 'C' or better in CHS 3505C.

Course Description

Procedures for the collection, processing, and investigation of forensic evidence discovered at a crime scene.

College

College of Sciences

Department

Department of Chemistry

CHS4534C - Forensic Biochemistry II**Credits Hours**

3

Prerequisites

- C (2.0) or better in CHS 3533 and CHS 3533L.

Course Description

Advanced treatment of the theoretical and practical aspects of forensic DNA analysis and the use of population genetics and genetic data analysis for evidence interpretation.

Current Fee Per Student

\$70.00

College

College of Sciences

Department

Department of Chemistry

CHS4537 - Forensic Laboratory Quality Assurance and Professional Practice
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" or better in CHS 3501, STA 2023, CHM 3120 and CHM 3120L or C.I.

Course Description

Concepts and principles of quality assurance as well as professional practices in forensic science.

College

College of Sciences

Department

Department of Chemistry

CHS4591 - Forensic Science Internship
Credits Hours

3

Lab/Studio/Field Work Hours

30

Prerequisites

- Senior standing, within 8 hrs. of completion of degree requirements, and 2.5 GPA in the major.

Course Description

Credit for full-time work (one semester; 300 hours) at a forensic science agency under the supervision of faculty and agency representative.

College

College of Sciences

Department

Department of Chemistry

CHS4615 - Environmental Chemistry**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- C (2.0) or better CHM 2046 and senior level in biological, molecular, chemical or engineering sciences

Course Description

Principles of environmental chemistry, survey of environmental law, remediation technologies, industrial practices and environmentally responsible chemistry.

College

College of Sciences

Department

Department of Chemistry

CIS - Computer and Information Systems

CIS3003 - Fundamentals of Information Technology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Corequisites

- Concurrently enrolled in COP 2500 or passing score on CPST exam

Course Description

Pervasive themes in IT. Organizational issues. History of IT. IT and its related and informing disciplines. Application domains. Applications of math and statistics to IT.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CIS3360 - Security in Computing**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- COP 3223C or EGN 3211 with a grade of "C" (2.0) or better.

Course Description

Security theory. Legal and human factors, Malware, Intrusion patterns and tools, Windows, Unix, TCP/IP, and applications vulnerabilities. Detection. Policies and enforcement. Protection and assurance.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CIS3362 - Cryptography and Information Security**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- COP 3223C or EGN 3211, and MAC 1114C each with a grade of "C" (2.0) or better.

Course Description

Encryption algorithms and ciphers. Public and private keys. Key infrastructures. Authentication, confidentiality, integrity, and nonrepudiation. Digital signatures and certificates. Hash and digest algorithms. Standards.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CIS3921 - Careers in IT
Credits Hours

1

Lab/Studio/Field Work Hours

0

Prerequisites

- COP 3223C and IT major.

Course Description

An overview of the IT field, job opportunities and careers in information technology, detailed information about some jobs as well as a broad survey.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CIS3990 - IT Career and Academic Advising I
Credits Hours

0

Lab/Studio/Field Work Hours

0

Prerequisites

- PHY 2053C and IT major.

Course Description

Mandatory meeting with students and their faculty advisor for career/academic advising.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CIS4004 - Web-Based Information Technology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- (CNT 3004 and COP 3330) or (COP 3503C and Computer Science major) each with grades of "C" (2.0) or better.

Course Description

Digital libraries. Media formats. Compression. Streaming Media. Mobile internet and WML. Emerging technologies. Capacity planning for web services.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CIS4203C - Digital Forensics**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- (COP 4600 or CGS 3763) and (CIS 3360 or CIS 3362) or C.I.

Course Description

Operating system forensics, digital media forensics, networking forensics, various digital devices forensics. User activity profiling and digital storage recovery.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CIS4340 - Data Management Technology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- COP 3502C

Prerequisites/Corequisites

- (none)

Course Description

Storage and access structures, database models and languages, database design, techniques for parallel database systems, emerging data management technology.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CIS4361 - Secure Operating Systems and Administration**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CIS 3360 with a grade of "C" (2.0) or better;

Corequisites

- COP 4600 or CGS 3763 or EEL 4882.

Course Description

Understanding of secure operating systems requirements, design principles and theories, protection methods, access control, authentication, vulnerability, analysis and case studies.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CIS4524 - Managing IT Integration**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CIS 3003 or COP 3503C and Computer Science major, with a grade of "C" (2.0) or better.

Course Description

Requirements, acquisition and sourcing. Integration. Project management. Testing and QA. Organizational context. Architecture.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CIS4615 - Secure Software Development and Assurance**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- (COP 4600 or CGS 3763) and (CIS 3360 or CIS 3362) or C.I.

Course Description

Threat modeling and risk analysis, development of secure software, software assurance techniques, analyzing and auditing software.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CIS4940C - Topics in Cybersecurity**Credits Hours**

3

Lab/Studio/Field Work Hours

3

Prerequisites

- CIS 3360 or C.I.

Course Description

A directed and supervised investigation of selected problems, issues, and trends in cybersecurity, with emphasis on laboratory simulations of system penetration methods and network defense strategies.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CIS4991 - IT Career and Academic Advising II**Credits Hours**

0

Lab/Studio/Field Work Hours

0

Prerequisites

- CIS 3990 and department consent.

Course Description

Mandatory meeting with students and their faculty advisor for career/academic advising.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CJC - Criminal Justice Corrections

CJC3010 - Corrections and Penology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CCJ 3024 or C.I.

Course Description

Theories, structures, and methods of institutional and non-institutional processing and treatment of convicted criminals and juvenile offenders.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CJC3134 - Prisons and jails
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CJC 3010.

Course Description

An overview and analysis of issues in institutional corrections, focusing on prison and jail history, inmates, guards, administration and management, and programming.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CJC3164 - Community-Based Corrections
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CCJ 3024 and CJC 3010 or C.I.

Course Description

An overview and analysis of correction interventions and treatment programs in the community.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CJC4410 - Correctional Interventions in Criminal Justice
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior Standing and CJC 3010.

Course Description

Intervention techniques used with juvenile and adult offenders in institutional and community-based settings and study of the theoretical foundations.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CJE - Criminal Justice Law Enforcement

CJE3001 - Careers in Criminal Justice
Credits Hours

4

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore Standing and ENC 1102.

Course Description

Introductory course with focus on components of the Criminal Justice process (police, courts, and corrections) and employment opportunities within the criminal justice system.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CJE3444 - Crime Prevention
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore Standing and ENC 1102.

Course Description

An overview and analysis of crime prevention strategies used in the private and public sectors.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CJE3662 - CJ Information Technology and Data Management
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- (Sophomore Standing and CGS 1060C) or C.I.

Course Description

Designed to familiarize with concepts of databases, uses, and applicability to crime analysis.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CJE4012 - Criminal Profiling in Criminal Justice
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CCJ 3014 or (Criminal Profiling or Crime Scene Investigation Certificate declared and Junior Standing) or C.I.

Course Description

Examines criminal profiling undertaken by law enforcement and prosecution authorities which consists of gathering, reviewing and analyzing evidence pertaining to violent crimes.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CJE4014 - Police and Society
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CCJ 3024 or C.I.

Course Description

An examination of the varied roles of police in contemporary society. Emphasis is on dynamics of police/citizen interactions and the police subculture.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CJE4174 - Comparative Justice Systems
Credits Hours

4

Lab/Studio/Field Work Hours

0

Prerequisites

- CCJ 3024 and CJL 3510 or C.I.

Course Description

A survey of contemporary foreign criminal justice and differences emerging from various political, cultural and legal systems.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CJE4352 - Policy Development in Law Enforcement
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore Standing and ENC 1102.

Course Description

The course is designed to deal with policy development in law enforcement. Major issues of organization, administration, personnel practices and police operations will be addressed.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CJE4410 - Community Policing
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore Standing and ENC 1102.

Course Description

The viability of community policing. The theoretical basis for community interventions are related to the daily operations required by community policing.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CJE4572 - Justice Agency Operations
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CCJ 3024 or C.I.

Course Description

Elements, functions, and processes essential to the continuing management of various criminal justice agencies, institutions and court systems.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CJE4610 - Criminal Investigation
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CJE 4014 or (Criminal Profiling or Crime Scene Investigation certificate declared) or C.I.

Course Description

Course acquaints students with basic Procedures used in Criminal investigations, purpose of investigations, and ingredients for successful investigations.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CJE4630 - Serial Murder and Criminal Justice**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior Standing and ENC 1102 or C.I.

Course Description

Study of extent, types, and explanations of serial murder, and responses of the general public, law enforcement, and prosecution.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CJE4654 - Crime and Place**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CCJ 3024 or (Crime Analysis and Crime Mapping Certificate declared and Junior Standing) or C.I.

Course Description

Provides an understanding of how physical environmental features - the natural and built environment - influences crime events.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CJE4663 - Crime Mapping and Pattern Analysis

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CJE 3662 or C.I.

Course Description

Provides essential theoretical knowledge and hands on experience mapping crime and other spatial criminal justice data and analyzing crime patterns.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CJE4694 - Cybercrime and the Criminal Justice System

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CCJ 3024 or C.I.

Course Description

An overview of criminal justice responses to cybercrime including enforcement, behavioral, and social factors that influence its perpetration, prevention, and prosecution.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CJJ - Criminal Justice Juvenile Justice

CJJ4564 - Juvenile Justice System
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- (CCJ 3024 and CJ Majors) or Victim Advocacy Certificate declared or C.I.

Course Description

Examination of programs and institutions including juvenile court process, intake services, and remedial procedures and practices.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CJL - Criminal Justice Law and Process

CJL3510 - Prosecution and Adjudication
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CCJ 3024 or C.I.

Course Description

Examination of structures and goals of offices and prosecution and criminal trial courts, and of the processes of charging, adjudicating, and sentencing defendants.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CJL4514 - Criminal Sentencing
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CCJ 3024, CJL 3510.

Course Description

Examines the myriad theoretical, empirical and operational issues involved in criminal sentencing policy in American society.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CJT - Criminal Justice Technology

CJT3803 - Security Management
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SCC 3311 or C.I.

Course Description

Examination of a global security management environment impacted by downsizing a dramatically changing work force, religious extremism/terrorism, technological revolution and other challenges.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CJT3821 - Practical Security Applications

Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

An examination of basic security principles applied to practical specific security situations encountered in the Central Florida area.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CJT4843 - Risk Management in Criminal Justice/Private Security

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SCC 3311 or C.I.

Course Description

This course examines the concept of risk management in a criminal justice context.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

CLP - Clinical Psychology

CLP3004 - Behavioral Self Control
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PSY 2012.

Course Description

Application of behavioral and biofeedback techniques to self-regulation.

College

College of Sciences

Department

Department of Psychology

CLP3143 - Abnormal Psychology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PSY 2012.

Course Description

Classification, causation, and treatment of deviant patterns of behavior.

College

College of Sciences

Department

Department of Psychology

CLP3143H - Honors Abnormal Psychology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PSY 2012 and consent of Honors.

Course Description

Classification, causation, and treatment of deviant patterns of behavior. With Honors content.

College

College of Sciences

Department

Department of Psychology

CLP3184 - Women's Mental Health
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PSY 2012.

Course Description

Social and cultural factors of mental health issues and conditions that are unique to or primarily impact women in the U.S. today.

College

College of Sciences

Department

Department of Psychology

CLP3302 - Clinical Psychology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CLP 3143.

Course Description

An overview of approaches to psychopathology, methods of clinical assessment, and various approaches to individual and group counseling.

College

College of Sciences

Department

Department of Psychology

CLP3413 - Contemporary Behavior Therapy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CLP 3143.

Course Description

Emphasis on the underlying principles and the specific intervention procedures which are utilized in contemporary behavior therapy, including treatment strategies for particular behavior disorders.

College

College of Sciences

Department

Department of Psychology

CLP3467 - Interpersonal Effectiveness and Group Psychotherapy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PSY 2012.

Course Description

Psychological aspects of interpersonal relationships, the rationale for group therapy, and strategies for enhancing interpersonal skills and personal growth.

College

College of Sciences

Department

Department of Psychology

CLP4134 - Childhood Psychopathology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PSY 2012, CLP 3143, DEP 2004C.

Course Description

An in-depth survey of the prevalence, classification, symptoms, diagnosis, consequences, and treatments of disorders of infancy, childhood, and adolescence.

College

College of Sciences

Department

Department of Psychology

CLP4314 - Health Psychology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PSY 2012.

Course Description

Interactions between psychosocial and physical conditions, in prevention, diagnosis, intervention and health care delivery policy planning. Course will cover empirical phases for prevention, assessment and intervention approaches for these focal areas: cancer, chronic heart disease, diabetes, HIV disease, pain and stress.

College

College of Sciences

Department

Department of Psychology

CLP4390 - Forensic Psychology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PSY 2012.

Course Description

Clinical practice of psychology within the legal system, including forensic evaluation of competency/insanity, treatment, and criminal profiling.

College

College of Sciences

Department

Department of Psychology

CLT - Classical Culture Translation

CLT3370 - Classical Mythology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Any HUM course or C.I.

Course Description

Myths of the Greeks & Romans studied through excerpts from ancient sources and experienced through works of art, literature, and music.

College

College of Arts and Humanities

Department

Department of Philosophy

CLT3378 - Comparative Mythology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Any HUM course or C.I.

Course Description

Common themes found in the myths of various cultures; theories of their origins, meaning and value in human experience.

College

College of Arts and Humanities

Department

Department of Philosophy

CNT - Computer Networks

CNT3004 - Computer Network Concepts**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHY 2053C with a grade of "C" (2.0) or better and,

Corequisites

- CIS 3990.

Course Description

Network media, protocol, current and evolving standards for local, metropolitan, wide area and wireless networks.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CNT4403 - Network Security and Privacy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- (CNT 3004 or EEL 4781 or CNT 4704) and (CIS 3360 or CIS 3362) all with a grade of "C" (2.0) or better or C.I.

Course Description

Fundamentals of network security, protocols, secure applications, network intrusion detection, security policy, firewalls, and privacy issues.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CNT4425C - Cloud Computing Management
Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites

- CGS 3763 or COP 4600 with a grade of "C" (2.0) or better. Administration of cloud computing.

Course Description

Topics include virtualization, container, resource management, programming models, application models, and system administration. Real-world Cloud Computing systems and tools, such as OpenStack, Amazon/Microsoft/Google public cloud systems, as well as Hadoop and Spark.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CNT4603 - System Administration and Maintenance
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CGS 3763 or COP 3503C and Computer Science major, with a grade of "C" (2.0) or better.

Course Description

An examination of operating systems and applications installation, configuration, and maintenance, including client-server services, content management and deployment, server administration and management, and user/group management.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CNT4703C - Design and Implementation of Computer Communication Networks**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- (CNT 3004, COP 3502C and either MAD 2104 or COT 3100C) or (COP 3503C and Computer Science major) all with a grade of "C" (2.0) or better.

Course Description

Data communication networking technologies (TCP/IP, Ethernet, Gigabit Ethernet, ATM, Frame Relay), products (routers, switches, adapters, cabling). Base design and detailed configuration including hands-on exercises.

Current Fee Per Student

\$16.00

College

College of Engineering and Computer Science

Department

Department of Computer Science

CNT4704 - Analysis of Computer Communication Networks**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- (COT 3100C or MAD 2104) and STA 2023 each with grades of "C" (2.0) or better.

Course Description

Network design using layering. Introduces cabling, topology, architecture, hardware and software. Includes performance and control issues such as congestion control, error control, contention resolution.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CNT4714 - Enterprise Computing**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- (CGS 3269, MAD 2104, COP 3330 and COP 3502C) or (COP 3503C and Computer Science or Computer Engineering major) all with a grade of "C" (2.0) or better.

Course Description

Client-server architecture. Server-side scripting: Servlets, JSP, PHP. JDBC and MySQL database; connectivity. Multi-threaded Java applications. J2EE development. SSL., Event-driven programming.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CNT4932 - Wireless Communication and Networking**Credits Hours**

1 - 99

Lab/Studio/Field Work Hours

0

Prerequisites

- CNT 4703 or CNT 4704 or C.I.

Course Description

Wireless transmission basics, radio propagation, antennas, digital modulation, spread spectrum techniques, their applications. Design and testing Wi-Fi, WiMAX and microwave systems. Introduction to cellular technology.

College

College of Engineering and Computer Science

Department

Department of Computer Science

COM - Communications

COM1000 - Introduction to Communication**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Survey course introducing students to theory, research, and practical principles associated with human communication in interpersonal, public, and professional contexts.

College

College of Sciences

Department

Nicholson School of Communication and Media

COM3003 - Exploring Human Communication**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Either SPC 1608, SPC 1603C, COM 1000, or C.I.

Course Description

The variety of topics and contexts that human communication scholars examine, the theories that have emerged and the research that creates the theories.

College

College of Sciences

Department

Nicholson School of Communication and Media

COM3011C - Communication and Human Relations
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites/Corequisites

- COM 3311 or COM 3003, or CI

Course Description

Semantics; symbols and meaning and their relationship with human behavior.

College

College of Sciences

Department

Nicholson School of Communication and Media

COM3311 - Communication Research Methods
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- STA 2014C and Human Communication major or Communication and Conflict major, or Human Communication minor, or C.I.

Course Description

Research methods used in communication. Understanding and interpretation of original research emphasized.

College

College of Sciences

Department

Nicholson School of Communication and Media

COM3330 - Computer Mediated Communication**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- RTV major- Media Management & Operations specialization or Mass Communication Minor, and CGS 1060 or STA 2014 or STA 2023, or C.I.

Course Description

Communicating through computers. The foundations and applications of online and interactive multimedia applications, including trends and limitations.

College

College of Sciences

Department

Nicholson School of Communication and Media

COM3402 - Communication Theory**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- COM 3003 or COM 3311 or C.I.

Course Description

Examination of the foundation of theoretical inquiry, selected approaches to theorizing, applications of theory and ethical implications of theory in a number of communication contexts.

College

College of Sciences

Department

Nicholson School of Communication and Media

COM3406 - Role of Motivation in Communication**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- COM 3311 or COM 3003, or C.I.

Course Description

Motivation theories that directly affect the process of human communication.

College

College of Sciences

Department

Nicholson School of Communication and Media

COM3800 - Conflict Communication Research Methods**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Communication & Conflict major and either SPC 1608, or SPC 1603, or COM 1000, or C.I.

Course Description

Survey of research methods used by conflict communication scholars; emphasis on approaches, methodologies, and analyses used to inform the process of human conflict communication.

College

College of Sciences

Department

Nicholson School of Communication and Media

COM3801 - Relational Conflict Communication**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Communication & Conflict major.

Prerequisites/Corequisites

- COM 3800 or COM 3311 or C.I.

Course Description

Examination of social dynamics, interpersonal behavior, and motivation in a variety of settings in order to analyze intergroup conflict, and violence reducing strategies and techniques.

College

College of Sciences

Department

Nicholson School of Communication and Media

COM3802 - Principles of Communication & Conflict**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Communication & Conflict major and SPC 1608, SPC 1603C, or COM 1000, or C.I.

Course Description

Examination of major theories and concepts related to communication and conflict focusing on the influence of message content, relationships, and environments in multiple conflict scenarios.

College

College of Sciences

Department

Nicholson School of Communication and Media

COM3912 - Collaborative Experiential Research Practicum
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Either SPC 1608, SPC 1603C or COM 1000, and C.I.

Course Description

Students will work as research assistants in a team, under faculty supervision, and learn first-hand the process of conducting communication/social scientific research.

College

College of Sciences

Department

Nicholson School of Communication and Media

COM4013 - Communication and the Family
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- COM 3003 or COM 3311 or C.I.

Course Description

The ways members of a family unit interact verbally and nonverbally to influence one another.

College

College of Sciences

Department

Nicholson School of Communication and Media

COM4014 - Gender Issues in Communication**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior Standing, and one of the following; SPC 1608, SPC 1603C, COM 1000, or C.I.

Course Description

A study of how communication exchanges, both verbal and non-verbal, differ between men and women, and how these differences are manifested.

College

College of Sciences

Department

Nicholson School of Communication and Media

COM4022 - Principles of Health Communication**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPC 1608 or SPC 1603C or COM 1000 or C.I.

Prerequisites/Corequisites

- Human Communication Major, Human Communication Minor, Health Communication Certificate, Communication and Conflict Major, Health Sciences: Health Promotions Track, Strategic Communication Certificate, Strategic Communication Minor or C.I.

Course Description

Theories and research about the role communication plays in health.

College

College of Sciences

Department

Nicholson School of Communication and Media

COM4026 - Current Issues in Communication
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: Communications and Conflict major

Prerequisites/Corequisites

- COM 3003 or CI

Course Description

Topics for this course will vary based on current issues in Communications

College

College of Sciences

Department

Nicholson School of Communication and Media

COM4110 - Business and Professional Communication
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Human Communication, Ad-PR, or R-TV Majors or Human Communication Minors only; and one of the following; SPC 1608, SPC 1603C, or C.I.

Course Description

Theoretical and practical training in effective presentational speaking for business and professions.

College

College of Sciences

Department

Nicholson School of Communication and Media

COM4120 - Organizational Communication
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- COM 3003 or COM 3311 or Communication and Conflict major or Health Communication Certificate or C.I.

Course Description

A study of communication functions and problems within the contexts of hierarchies.

College

College of Sciences

Department

Nicholson School of Communication and Media

COM4221 - Health Literacy
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- COM 4022

Prerequisites/Corequisites

- COM 3003 or COM 3311 or C.I.

Course Description

Examines literature, theories and addresses health literacy. Engaging patients in decision-making process, guiding health professionals communication strategies, shared decisions and improving the health-care experience.

College

College of Sciences

Department

Nicholson School of Communication and Media

COM4332 - Communication, Technology, and Change
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- COM 3003 or C.I.

Course Description

How new technologies influence (and are influenced by) communication in a variety of contexts, including organization and interpersonal settings.

College

College of Sciences

Department

Nicholson School of Communication and Media

COM4416 - Terrorism and Communication
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- One of the following: SPC 1603C, SPC 1608, COM 1000 or CI.

Course Description

How terrorism is a communication process. How mass media, symbols, linguistic devices, e-terrorism, and theoretical dimensions play a role in terrorism. How communities respond to terrorist attacks.

College

College of Sciences

Department

Nicholson School of Communication and Media

COM4416H - Honors Terrorism and Communication**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- One of the following: SPC 1603C, or SPC 1608, or COM 1000 or C.I., and Consent of Honors.

Course Description

How terrorism is a communication process. How mass media, symbols, linguistic devices, e-terrorism, and theoretical dimensions play a role in terrorism. How communities respond to terrorist attacks.

College

College of Sciences

Department

Nicholson School of Communication and Media

COM4461 - Intercultural Communication**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior Standing, and one of the following; SPC 1608, SPC 1603C, COM 1000, or C.I.

Course Description

Study of variables affecting messages and participants in intercultural contexts.

College

College of Sciences

Department

Nicholson School of Communication and Media

COM4462 - Conflict Management
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- COM 3311 or COM 3003, or C.I.

Course Description

The study of communication in everyday conflicts.

College

College of Sciences

Department

Nicholson School of Communication and Media

COM4550 - Public Communication Campaigns
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- COM 3311 or C.I.

Course Description

This course examines the strategies and effects of public communication campaigns aimed at informing and persuading audiences in health, political and environmental contexts.

College

College of Sciences

Department

Nicholson School of Communication and Media

COM4563 - Principles of Social Innovation and Activism
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Communication and Conflict major or COM 3003 or COM 3311 or C.I.

Course Description

This course examines and applies foundational communication knowledge, theories and skills to advocate for social justice in the modern world.

College

College of Sciences

Department

Nicholson School of Communication and Media

COM4803 - Third Party Processes & Intervention
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- COM 3802 and Communication & Conflict Major or C.I.

Course Description

Identify components and skills in multiple third party processes including mediation, arbitration, and facilitation; build conflict management and process design skills.

College

College of Sciences

Department

Nicholson School of Communication and Media

COM4804 - Communication in Cultural Conflict Context**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Communication & Conflict major.

Prerequisites/Corequisites

- COM 3800 or COM 3311 or C.I.

Course Description

Exploration of communication factors that contribute to the development of conflict across groups, cultures and societies.

College

College of Sciences

Department

Nicholson School of Communication and Media

COM4805 - Transformative Communication**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Communication & Conflict major.

Prerequisites/Corequisites

- COM 3800 or COM 3311 or C.I.

Course Description

Examines various western and non-western belief/ethical systems, and how conflict may be perceived, communicated and interpreted using metaphysical approaches to conflict management.

College

College of Sciences

Department

Nicholson School of Communication and Media

COM4806 - Communication & Conflict Case Studies**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Communication & Conflict major and Senior Standing, COM 3800 or COM 3311 and COM 3802 or C.I.

Course Description

Application of communication and conflict theories to intercultural and community case studies, examining historical, political, and cultural elements of empowerment and peace-building.

College

College of Sciences

Department

Nicholson School of Communication and Media

COM4903H - Honors Directed Reading I**Credits Hours**

1 - 99

College

College of Sciences

Department

Nicholson School of Communication and Media

COM4906 - Independent Study**Credits Hours**

1 - 99

College

College of Sciences

Department

Nicholson School of Communication and Media

COM4912 - Research**Credits Hours**

0 - 99

College

College of Sciences

Department

Nicholson School of Communication and Media

COM4934 - Topics in Intercultural Communication**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Complete at least 1 of the following:
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

Course Description

Investigates advanced topics in intercultural communication, depending on choice of instructor. Possible topics include global health communication, ethnography of speaking, critical perspectives on intercultural communication

College

College of Sciences

Department

Nicholson School of Communication and Media

COM4941 - Internship**Credits Hours**

1 - 99

Lab/Studio/Field Work Hours

0

Course Description

Internship

College

College of Sciences

Department

Nicholson School of Communication and Media

COM4945 - Domestic Practicum**Credits Hours**

1

College

College of Sciences

Department

Nicholson School of Communication and Media

COM4949 - Cooperative Education in Communications
Credits Hours

1 - 99

Lab/Studio/Field Work Hours

1-99

Prerequisites

- Department Consent Required

Course Description

Graded S/U

College

College of Sciences

Department

Nicholson School of Communication and Media

COM4970H - Honors Undergrad Thesis
Credits Hours

1 - 99

College

College of Sciences

Department

Nicholson School of Communication and Media

COP - Computer Programming

COP2500C - Concepts in Computer Science
Credits Hours

3

Lab/Studio/Field Work Hours

1

Course Description

Fundamental concepts in program design, data structures, algorithms, analysis and a survey of topics in CS.

College

College of Engineering and Computer Science

Department

Department of Computer Science

COP3223C - Introduction to Programming with C
Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites

- COP 2500C with a "C" (2.0) or better, or Appropriate score on the UCF CS Placement Exam, or Consent of Instructor.

Course Description

Programming in C including arrays, pointer manipulation and use of standard C math and IO libraries.

College

College of Engineering and Computer Science

Department

Department of Computer Science

COP3223K - Honors Introduction to Programming with C
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Consent of Honors and one of the following: COP 2500C with a "C" (2.0) or better, or Appropriate score on the UCF CS Placement Exam, or Consent of Instructor.

Course Description

Programming with C including arrays, pointer manipulation and use of standard C math and IO libraries.

College

College of Engineering and Computer Science

Department

Department of Computer Science

COP3330 - Object Oriented Programming**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- COP 3223C or EGN 3211 with a grade of "C" (2.0) or better.

Course Description

Object oriented programming concepts (classes, objects, methods, encapsulating, inheritance, interfaces) and the expression of these concepts in the programming languages such as JAVA.

College

College of Engineering and Computer Science

Department

Department of Computer Science

COP3402 - Systems Software**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CDA 3103C and COP 3502C each with a grade of "C" (2.0) or better.

Course Description

Design and development of assemblers, linkers, loaders, and compilers. Study memory hierarchy, program performance, and system level I/O.

College

College of Engineering and Computer Science

Department

Department of Computer Science

COP3502C - Computer Science I
Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites

- (COP 3223C or EGN 3211) and MAC 1105C all with a grade of "C" (2.0) or better.

Course Description

Problem solving techniques, order analysis and notation, abstract data types, and recursion.

College

College of Engineering and Computer Science

Department

Department of Computer Science

COP3502K - Honors Computer Science I
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Permission of Honors and (COP 3223C or EGN 3211) and MAC 1105C all with a grade fo "C" (2.0) or better.

Course Description

Problem solving techniques, order analysis and notation, abstract data types, and recursion.

College

College of Engineering and Computer Science

Department

Department of Computer Science

COP3503C - Computer Science II**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- COP 3502C and COP 3330 and (MAD 2104 or COT 3100C) all with a grade of "C" (2.0) or better.

Course Description

Algorithm design and analysis for tree, list, set, and graph data models; algorithmic strategies and applications, and algorithmic complexity analysis; sorting and searching; practical applications.

College

College of Engineering and Computer Science

Department

Department of Computer Science

COP3503K - Honors Computer Science II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Permission of Honors and (COP 3502H or COP 3502C) and COP 3330 and (MAD 2104 or COT 3100C) each with a grade of "C" (2.0) or better.

Course Description

Algorithm design and analysis for tree, list, set, and graph data models; algorithmic strategies and applications, and algorithmic complexity analysis; sorting and searching; practical applications. With honors content.

College

College of Engineering and Computer Science

Department

Department of Computer Science

COP4020 - Programming Languages I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- COP 3503C with a grade of "C" or better and COT 3960.

Course Description

Paradigms and fundamental concepts of programming languages are presented, including: scope, binding, abstraction, encapsulation, typing etc. Design paradigms object-oriented, functional and logic programming are presented.

College

College of Engineering and Computer Science

Department

Department of Computer Science

COP4283 - Data Science Programming**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- COP 3223C

Prerequisites/Corequisites

- (none)

Course Description

Programming for data processing and analytics, including languages and platforms used in science such as SAS, R, Julia, and Python. Intensive coding projects.

College

College of Engineering and Computer Science

Department

Department of Computer Science

COP4331C - Processes for Object-Oriented Software Development**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- COP 3503C with a grade of "C" (2.0) or better and COT 3960 (CS majors).

Course Description

Concepts, principles, processes and methods for developing large software systems featuring a team project using object-oriented design in UML and implementation in C++.

College

College of Engineering and Computer Science

Department

Department of Computer Science

COP4516C - Problem Solving Techniques and Team Dynamics**Credits Hours**

3

Lab/Studio/Field Work Hours

3

Prerequisites

- COP 3503C with a grade of "C" (2.0) or better.

Course Description

Design and implement solutions to problems requiring the applications of the different algorithms. Team project format.

College

College of Engineering and Computer Science

Department

Department of Computer Science

COP4520 - Concepts of Parallel and Distributed Processing**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- COP 3402 and COP 3503C each with a grade of "C" (2.0) or better and COT 3960.

Course Description

Parallel and distributed paradigms, architectures and algorithms, and the analytical tools, environments and languages needed to support these paradigms.

College

College of Engineering and Computer Science

Department

Department of Computer Science

COP4600 - Operating Systems**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- COP 3503C and COP 3402 (CS majors) each with a grade of "C" (2.0) or better and COT 3960 (CS majors).

Course Description

Function and organization of operating systems, process management, virtual memory, I/O management, and file management.

College

College of Engineering and Computer Science

Department

Department of Computer Science

COP4710 - Database Systems**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- COP 3503C with a grade of "C" (2.0) or better.

Course Description

Storage and access Structures, database models and languages, related database design, and implementation techniques for database management systems.

College

College of Engineering and Computer Science

Department

Department of Computer Science

COP4910 - Frontiers in Information Technology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CNT 4603 with a grade of "C" (2.0) or better;

Corequisites

- CNT 4703C and CIS 4991.

Course Description

Research into leading edge information technologies that have a high likelihood of affecting the work place in the two to five year time frame.

College

College of Engineering and Computer Science

Department

Department of Computer Science

COP4934 - Senior Design I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- COP 3402 and COP 3503C each with a grade of "C" (2.0) or better and consent of Department of EECS;

Corequisites

- COP 4331C.

Course Description

Students work in teams to demonstrate their knowledge of computer science and apply it to realistic and meaningful problems.

College

College of Engineering and Computer Science

Department

Department of Computer Science

COP4935 - Senior Design II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- COP 4934 with a grade of "C" (2.0) or better.

Course Description

Students work in teams to demonstrate their knowledge of computer science and apply it to realistic and meaningful problems.

College

College of Engineering and Computer Science

Department

Department of Computer Science

COT - Computer Theory

COT3100C - Introduction to Discrete Structures**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- MAC 2311C with a grade of "C" (2.0) or better.

Course Description

Logic, sets, functions, relations, combinatorics, graphics, Boolean algebras, finite-state machines, Turing machines, unsolvability, computational complexity.

College

College of Engineering and Computer Science

Department

Department of Computer Science

COT3100K - Honors Introduction to Discrete Structures**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Permission of Honors and MAC 2311C with a grade of "C" (2.0) or better.

Course Description

Logic, sets, functions, relations, combinatorics, graphics, Boolean algebras, finite-state machines, Turing machines, unsolvability, computational complexity.

College

College of Engineering and Computer Science

Department

Department of Computer Science

COT3930H - Mathematical Modeling and Scientific Computing**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: Permission of Honors and MAC 2311C and (COP 3223C or EGN 3211

Course Description

Combines Mathematics and Computing Techniques to solve a diverse array of real-life problems.

College

College of Engineering and Computer Science

Department

Department of Computer Science

COT3960 - Foundation Exam**Credits Hours**

0

Prerequisites

- COP3502C with a grade of "C"(2.0) or better.

Course Description

Foundation examination for computer science majors. Required before taking advanced core courses in Computer Science and upper-division 4000 and 5000 level CS electives.

College

College of Engineering and Computer Science

Department

Department of Computer Science

COT4210 - Discrete Structures II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- COP 3503C and MAC 2312 each with a grade of "C" (2.0) or better and COT 3960.

Course Description

Computation theory. A study of the properties of grammars and automata as formal specifications for algorithms and families of languages.

College

College of Engineering and Computer Science

Department

Department of Computer Science

COT4400 - Tools for Algorithm Analysis**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- COT 3960 and COP 3503C.

Course Description

Tools from discrete and continuous mathematics for analyzing complexity of algorithms. Order notation use and manipulation.

College

College of Engineering and Computer Science

Department

Department of Computer Science

COT4500 - Numerical Calculus**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAC 2312 and COP 3223C each with a grade of "C" (2.0) or better.

Course Description

Numerical methods for finding roots of nonlinear equations, solutions of systems of linear equations, and ordinary differential equations.

College

College of Engineering and Computer Science

Department

Department of Computer Science

COT4810 - Topics in Computer Science**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- COP 3402 and COP 3503C each with a grade of "C" (2.0) or better and COT 3960.

Course Description

A range of topics from the field of Computer science; application of oral and written communication skills; social, ethical and moral issues of computing.

College

College of Engineering and Computer Science

Department

Department of Computer Science

CPO - Comparative Politics

CPO3034 - Politics of Developing Areas**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- INR 2002 or C.I.

Course Description

Comparative analysis of theories, problems and politics of development in Third World nations.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

CPO3057 - Contemporary Revolution and Political Violence**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or C.I.

Course Description

Theories and cases of revolutionary change and political violence in the contemporary world.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

CPO3103 - Comparative Politics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Government and politics in selected nations, with emphasis upon comparative analysis of contemporary problems, politics, political culture, behavior, and institutions.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

CPO3104 - Politics of Western Europe**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

An examination of the political and economic dynamics of Western Europe in the post-1945 era.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

CPO3132 - Canadian Politics
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- POS 2041 or C.I.

Course Description

Canadian politics including identity formation, political institutions, political culture, and U.S./Canada relations.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

CPO3403 - Politics of the Middle East
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

An examination of the dynamics of Middle East politics, including both regional and international dimensions.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

CPO3403H - Honors Politics of the Middle East
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Permission of Honors.

Course Description

An examination of the dynamics of Middle East politics, including both regional and international dimensions. Honors level content

College

College of Sciences

Department

School of Politics, Security, and International Affairs

CPO3614 - Politics of Eastern Europe
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

An examination of the political and economic dynamics of Eastern Europe in the post-1945 era.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

CPO4062 - Comparative Judicial Process**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Study of courts and judges in cross national context. Focus upon judicial recruitment, decisional patterns, and policy outcomes.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

CPO4074 - Political Economy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Interrelationship of political and economic phenomena of both advanced industrial societies and less developed countries.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

CPO4101 - Politics of the European Union**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Evolution of the European Union, theories of the EU and EU institutions and policies from a comparative perspective.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

CPO4123 - Government and Politics of Great Britain**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

A survey of British government, society, politics and institutions, emphasizing parliamentary traditions. Britain's foreign policy and European role will be discussed.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

CPO4303 - Comparative Latin American Politics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Comparative analysis of politics, society and culture in Latin America and selected countries of the region.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

CPO4400 - Kurdish Politics: Identity, Violence, and Democracy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- POS 2041, or INR 2002, or ENC 1102

Course Description

Comprehensive analysis of Kurdish politics in the context of Middle Eastern politics, including the role of nationalism and identity, ethnic conflict, resistance, and gender.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

CPO4406 - Minorities and Majorities in the Middle East
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

An exploration of the minority-majority relations in the Middle East with a focus on religious and ethnic diversity in Iran, Iraq, Syria, and Turkey.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

CPO4514 - Politics of East Asia
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Major trends in political, economic, and sociocultural aspects in the East Asian region.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

CPO4541 - Chinese Politics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

China's political development since 1949.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

CPO4553 - Politics of Japan**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Evolution of the Japanese political system and how domestic and international politics influence the functioning of the Japanese economy.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

CPO4643 - Government and Politics of Russia**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Study of the origins, institutions, and functioning of the Russian system, including the lingering influence of the old order on domestic and foreign policy.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

CPO4710 - Women in Comparative Politics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

A cross-national perspective on women and politics; how women behave politically in various political and economic contexts.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

CPO4731 - Politics of Democratization**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- POS 2041 or ENC 1102 or INR 2002 or Junior standing or C.I.

Course Description

Develops comparative perspectives and analytical skills on issues of democratization and regime change.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

CPO4754 - Comparative Political Institutions**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

The course analyzes major types of political institutions from a comparative perspective including electoral laws, division of power, types of democracy, federalism, and the judiciary.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

CPO4784 - Political and Economic Inequality in Comparative Perspective**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Economic and political inequality and the nature of the link between them across countries with different political and economic institutions.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

CPO4794 - Indigenous Politics and the Environment**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- POS 2041 or C.I.

Course Description

Unique environmental politics specific to indigenous peoples around the world.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

CRW - Creative Writing

CRW3010H - Honors Creative Writing
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Consent of Honors.

Course Description

Theory and techniques of literary genres with honors level content; practice and critique of original writing by peers and critical reading of established authors.

College

College of Arts and Humanities

Department

Department of English

CRW3011 - Creative Writing for Non-Majors
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENC 1102.

Course Description

Only open to non-majors. The techniques of literary genres; the practice and critique of original work by peers; critical reading of established authors. Designed for non-majors. Not open to students with credit in CRW 3013.

College

College of Arts and Humanities

Department

Department of English

CRW3013 - Creative Writing for English Majors**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- English major or minor and grade of "C" (2.0) or better required in ENC 1102, or C.I.

Course Description

Literary genres; practice and critique of peer writing; critical reading of established authors.

College

College of Arts and Humanities

Department

Department of English

CRW3053 - Theory & Practice of Creative Writing**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- English major or minor and a grade of "C" (2.0) or better in ENC 1102, or C.I.

Course Description

Examination of the genres and readings in contemporary creative writing with attention to literary technique, and discussion of issues in the field.

College

College of Arts and Humanities

Department

Department of English

CRW3120 - Fiction Writing Workshop**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- English major or minor, and grade of C (2.0) or better in CRW 3013 and CRW 3053, or C.I.

Course Description

An intermediate level fiction writing workshop for English majors; group analysis and criticism; close reading of contemporary fiction and fiction theory.

College

College of Arts and Humanities

Department

Department of English

CRW3211 - Creative Nonfiction Writing**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- English major or minor, and grade of C (2.0) or better in CRW 3013 and CRW 3053, or C.I.

Course Description

Writers present original nonfiction writing for class response and individual conferences. Reading of key works of creative nonfiction with discussion of definitions of the genre.

College

College of Arts and Humanities

Department

Department of English

CRW3310 - Poetry Writing Workshop**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- English major or minor, and grade of C (2.0) or better in CRW 3013 and CRW 3053, or C.I.

Course Description

An intermediate level poetry workshop for English majors. Group analysis and criticism; close reading of contemporary poetry and poetic theory.

College

College of Arts and Humanities

Department

Department of English

CRW3311 - Readings in Poetry for Creative Writing**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- English major or minor, and grade of C (2.0) or better in CRW 3013 and CRW 3053, or C.I.

Course Description

Intensive study of the structural characteristics of English, poetry, metrical systems, rhyme, scansion, and poetic rhetorical devices.

College

College of Arts and Humanities

Department

Department of English

CRW3540 - Literary Magazines**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- English major or minor and grade of "C" (2.0) or better required in CRW 3013 and CRW 3053, or C.I.

Course Description

Examination of fiction and poetry trends in current literary magazines, identifying editorial policies in publication of contemporary literature.

College

College of Arts and Humanities

Department

Department of English

CRW3610 - Writing Scripts**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- English major or minor and grade of "C" (2.0) or better required in CRW 3013 and CRW 3053, or C.I.

Course Description

Theory and practice of writing scripts for film and TV.

College

College of Arts and Humanities

Department

Department of English

CRW3713 - Writing for Video Games**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- English major or minor and grade of "C" (2.0) or better required in CRW 3013 and CRW 3053, or C.I.

Course Description

Basic theories and practices associated with game design. Students learn effective writing techniques for developing original video games.

College

College of Arts and Humanities

Department

Department of English

CRW3950 - Cypress Dome Editorship**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- C.I.

Course Description

Responsibility for all aspects of editing The Cypress Dome-UCF's student literary journal.

College

College of Arts and Humanities

Department

Department of English

CRW4114 - History of Prose Style
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- English major or minor and grade of "C" (2.0) or better required in CRW 3013 and CRW 3053, or C.I.

Course Description

Close study of style and craft in exemplary works of fiction and creative nonfiction from various time periods.

College

College of Arts and Humanities

Department

Department of English

CRW4122 - Advanced Fiction Writing Workshop
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- English major or minor, and grade of "C" (2.0) or better required in CRW 3120, or C.I.

Course Description

Intensive writing practice in fiction. Peer critique and group discussion of original manuscripts.

College

College of Arts and Humanities

Department

Department of English

CRW4123 - Science Fiction Writing**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- English major or minor, and grade of "C" (2.0) or better required in CRW 3120, or C.I.

Course Description

Study of science fiction literature and writing of original science fiction stories. Workshop format with critique of writing assignments.

College

College of Arts and Humanities

Department

Department of English

CRW4125 - Fantasy and Worldbuilding**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: Grade of C (2.0) or better in CRW 3120 or C.I.

Course Description

Theory and practice of fantasy writing, with particular emphasis on techniques of worldbuilding

College

College of Arts and Humanities

Department

Department of English

CRW4224 - Advanced Nonfiction Workshop**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- English major or minor, and grade of "C" (2.0) or better required in CRW 3211, or C.I.

Course Description

Intensive reading, writing, and workshop of creative nonfiction drawing on memory, observation, journalistic research, and literary techniques.

College

College of Arts and Humanities

Department

Department of English

CRW4320 - Advanced Poetry Writing Workshop**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- English major or minor, and grade of "C" (2.0) or better required in CRW 3310, or C.I.

Course Description

Intensive writing practice in poetry. Peer critique and group discussion of original manuscripts.

College

College of Arts and Humanities

Department

Department of English

CRW4616 - Advanced Scriptwriting Workshop**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- English major or minor, and grade of "C" (2.0) or better required in CRW 3610, or C.I.

Course Description

Intensive practice in writing scripts. Peer critique and group discussion of original manuscripts.

College

College of Arts and Humanities

Department

Department of English

CRW4722 - Editing for Creative Writers**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- English major or minor, and grade of "C" (2.0) or better required in CRW 3013, CRW 3053 and at least one of CRW 3120, CRW 3211, CRW 3310, or CRW 3610 or C.I.

Course Description

Overview of editing processes, the history and future of editing, issues and areas of literary and trade book publishing, and style through grammar and syntax.

College

College of Arts and Humanities

Department

Department of English

CRW4724 - The Florida Review
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- English major or minor, junior standing, and a grade of "C" (2.0) or better required in CRW 3013, CRW 3053, and C.I.

Course Description

Hands-on experience with all aspects of Florida Review publishing, editing, and production in conjunction with this national journal.

College

College of Arts and Humanities

Department

Department of English

CRW4804 - Creative Writing in the Community
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- English major or minor, and grade of C (2.0) or better required in CRW 3013, CRW 3053 and at least one of CRW 3120, CRW 3211, CRW 3310, or CRW 3610 or C.I.

Course Description

Teaching creative writing to community groups through service-learning.

College

College of Arts and Humanities

Department

Department of English

CWR - Civil Water Resources

CWR3201 - Engineering Fluid Mechanics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAP 2302, EGN 3310 both with a grade of "C" (2.0) or better

Corequisites

- EGN 3321.

Course Description

Fundamentals of fluid mechanics with hydraulic applications: fluid properties, hydrostatics, dimensional analysis, energy, momentum, continuity, and steady flow.

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

CWR4120 - Hydrology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CWR 4202C and STA 3032 both with grades of "C" (2.0) or better.

Course Description

Occurrence, distribution, and properties of fresh water on Earth and movement via physical processes. Application of hydrology, fluid mechanics, and computation to water resources.

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

CWR4124 - Hydrogeology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CWR 4202C and CEG 4011C both with grades of "C" (2.0) or better.

Course Description

Fundamentals of subsurface flow and transport, role of groundwater in the hydrologic cycle, relation of groundwater flow to geologic structure, and management of contaminated groundwater.

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

CWR4202C - Hydraulics**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- CWR 3201 with a grade of "C" (2.0) or better.

Course Description

Application of basic principles of fluids at rest and in motion to analysis and design of hydraulic systems. Empirical relationships for practical engineering problems.

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

CWR4632C - Water Resources Engineering I**Credits Hours**

4

Lab/Studio/Field Work Hours

2

Prerequisites

- STA 3032 and CWR 3201 both with a grade of "C" (2.0) or better.

Course Description

Descriptive and quantitative aspect of water in the earth's environment and its engineering implications, including analysis of surface water systems, design of hydraulic structures, and stormwater management.

Current Fee Per Student

\$21.00

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

CWR4633C - Water Resources Engineering II**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- CWR 4632C with a grade of "C" (2.0) or better.

Course Description

Provision of advanced understanding of hydrology, hydrologic river routing, open/closed channel, and groundwater hydraulic and some engineering applications of these concepts.

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

CWR4812C - Water Resources Design**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- CWR 4120 with a grade of "C" (2.0) or better and department consent.

Course Description

Project course for the design of storm water, potable and sewer transmission systems using local and state regulations.

Current Fee Per Student

\$15.00

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

DAA - Dance Activities**DAA2000C - Introduction to Theatre Dance****Credits Hours**

2

Lab/Studio/Field Work Hours

2

Course Description

Basic ballet, tap, and jazz technique. Recommended for students with no formal dance training.

College

College of Arts and Humanities

Department

Department of Theatre

DAA2100C - Modern Dance I**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Theatre major or dance minor and "C" (2.0) or better in DAA 2200C or DAA 2201C or DAA 3208C

Course Description

Exploration of form, style, and technique in creative movement. Includes practical class work and history lectures.

College

College of Arts and Humanities

Department

Department of Theatre

DAA2200C - Ballet I**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Theatre major, Dance minor, or department consent.

Course Description

Fundamentals of classical ballet; includes practical dance work as well as dance history lectures.

College

College of Arts and Humanities

Department

Department of Theatre

DAA2201C - Ballet II**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Theatre major or Dance minor and "C" (2.0) or better in DAA 2200C or department consent

Course Description

Intermediate classical ballet technique, including principles, theory, and practice technique.

College

College of Arts and Humanities

Department

Department of Theatre

DAA2300 - Ballroom Dance**Credits Hours**

2 - 99

Lab/Studio/Field Work Hours

0

Course Description

Instruction in selected ballroom dances (foxtrot, waltz, rumba, swing, samba, cha cha, tango, quickstep) focusing on dance and fitness aspects of ballroom dancing.

College

College of Community Innovation and Education

Department

School of Teacher Education

DAA2351 - Salsa & Latin Dance**Credits Hours**

2

Lab/Studio/Field Work Hours

0

Course Description

Instruction in salsa and selected other Latin dances (meringue, bachata, cha cha) focusing on Latin dance and fitness aspects of ballroom dancing.

College

College of Community Innovation and Education

Department

School of Teacher Education

DAA2393C - World Dance**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Theatre major or Dance minor, and "C" (2.0) or better in DAA 2200C or department consent.

Course Description

Theory and applied technique with focus on one form, such as African dance, Flamenco, Irish dance, Indian dance, etc

College

College of Arts and Humanities

Department

Department of Theatre

DAA2520C - Tap Dance I**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Theatre major, Dance minor, or departmental consent.

Course Description

Form, style, and technique in the basic fundamental movements of tap dance.

College

College of Arts and Humanities

Department

Department of Theatre

DAA2521C - Tap Dance II**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Theatre major or Dance minor and "C" (2.0) or better in DAA 2520C or department consent.

Course Description

Intermediate exploration of form, style, and technique of tap dance.

College

College of Arts and Humanities

Department

Department of Theatre

DAA2570C - Jazz Dance I**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Theatre major or dance minor and "C" (2.0) or better in DAA 2200C or DAA 2201C or DAA 3208C

Course Description

Basic movements of American Jazz dance, including practical class work and Jazz dance history.

College

College of Arts and Humanities

Department

Department of Theatre

DAA2571C - Jazz Dance II**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Theatre major or Dance minor and "C" (2.0) or better in DAA 2570C or department consent.

Course Description

Intermediate Jazz dance using theory and practice in jazz technique.

College

College of Arts and Humanities

Department

Department of Theatre

DAA3004L - Dance Studio**Credits Hours**

1

Lab/Studio/Field Work Hours

2

Prerequisites

- Theatre Major, Theatre Minor or Dance Minor and "C" (2.0) or better in any DAA course offered by the Theatre.

Course Description

Periodic attendance at departmental dance classes with permission of individual instructors.

College

College of Arts and Humanities

Department

Department of Theatre

DAA3208C - Ballet III**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Theatre major, Dance minor, or department consent, and C (2.0) or better required in DAA 2201C.

Course Description

Advanced classical ballet technique, including principles, theory, and practice technique.

College

College of Arts and Humanities

Department

Department of Theatre

DAA3508C - Jazz Dance III**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Theatre major, Dance minor, or department consent, and "C" (2.0) or better required in DAA 2571C.

Course Description

Advanced study of jazz dance, using theory and practice of jazz technique.

College

College of Arts and Humanities

Department

Department of Theatre

DAA3524C - Tap Dance III**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Theatre major, Dance minor, or department consent, and C (2.0) or better required in DAA 2521C.

Course Description

Advanced exploration of form, style, and technique of tap dance.

College

College of Arts and Humanities

Department

Department of Theatre

DAA3612 - Dance Improvisation/Composition I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- DAA 2100C, Theatre major, Dance minor, or department consent.

Course Description

Theory and practice of dance composition.

College

College of Arts and Humanities

Department

Department of Theatre

DAA3645 - Choreography Practicum
Credits Hours

2

Lab/Studio/Field Work Hours

2

Prerequisites

- Theatre major, Dance minor, or department consent, and C (2.0) or better required in DAA 2100C.

Course Description

Student practice in choreographing a concert dance work for public performance.

College

College of Arts and Humanities

Department

Department of Theatre

DAA3684 - Dance Performance
Credits Hours

1

Lab/Studio/Field Work Hours

1

Prerequisites

- Theatre major, Dance minor, or department consent, C (2.0) or better required in DAA 2200C, or DAA 2201C, or DAA 3208C and audition.

Course Description

Student performance in a concert dance work.

Current Fee Per Student

\$15.00

College

College of Arts and Humanities

Department

Department of Theatre

DAE - Dance Education

DAE3370 - Dance and Rhythmics**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- ENC 1102

Course Description

The development of skill proficiency and instructional strategies in rhythmics and dance techniques, and fundamental movement patterns for grades K-12.

College

College of Community Innovation and Education

Department

School of Teacher Education

DAN - Dance History

DAN3134 - Dance History I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1101 or any 2000-level History course or C.I.

Course Description

The roots, trends, and styles of dance from prehistory through the early 20th century.

College

College of Arts and Humanities

Department

Department of Theatre

DEP - Developmental Psychology

DEP2004 - Developmental Psychology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PSY 2012.

Course Description

The effects of genetic, psychological, maturational, and social factors on behavior throughout the life cycle.

College

College of Sciences

Department

Department of Psychology

DEP2004H - Honors Developmental Psychology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PSY 2012 and consent of Honors.

Course Description

Genetic, psychological, maturational, and social factors on behavior throughout the life cycle. With Honors content.

College

College of Sciences

Department

Department of Psychology

DEP3464 - Psychology of Aging
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PSY 2012.

Course Description

An examination of basic psychological processes related to the aging process, with emphasis on the applied implications of changes in perceptual-motor, social emotional and cognitive-intellectual functioning.

College

College of Sciences

Department

Department of Psychology

DIG - Digital Media

DIG2000 - Introduction to Digital Media
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAC1105C.

Course Description

Introduction to history, principles, and processes associated with digital media and designing for digital media with emphasis on production and communication.

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG2030 - Digital Video Fundamentals**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAC1105C

Prerequisites/Corequisites

- DIG 2000

Course Description

Introduces concepts and principles of producing and assembling digital video and the tools and techniques of video and sound capture.

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG2109 - Digital Imaging Fundamentals**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAC 1105C

Prerequisites/Corequisites

- DIG 2000

Course Description

Introduces concepts and principles of image creation, and the tools and techniques of image capture, creation, manipulation, and integration for design concepts.

Current Fee Per Student

\$10.00

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG2500 - Fundamentals of Interactive Design**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAC 1105C

Prerequisites/Corequisites

- DIG 2000

Course Description

Foundations of interactive media including user-interface design. Students combine audio, video, imaging, and animation using industry standard software.

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG2783 - Fundamentals of Game Art**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: DIG 2000

Course Description

Fundamental understanding of contemporary game art topics including vector vs raster graphics, 2D sprite animation, basic modeling, and texturing.

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG3003 - Adventures in Emerging Media**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1101.

Course Description

Examines the rules and culture of emerging media. The course is presented online in a nonlinear "choose your own adventure" format.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

DIG3024 - Digital Cultures & Narrative**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- DIG 2000 'B' and DIG 2030

Course Description

Understanding of digital cultures and narrative theories from an interdisciplinary perspective. Conceptual structure and design of visual and interactive storytelling.

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG3043 - Evolution of Video Games**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1101.

Course Description

Evolution of video games since the first game in the early 1950s to contemporary games.

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG3118 - Digital Tools and Technologies: Graphic Design**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in DIG 2000 or C.I.

Course Description

Composition, editing, and manipulation of digital imagery using Adobe Photoshop, including layering, typographic design and working with 3D images.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

DIG3134C - Server-Side Scripting
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- DIG 3716C, DIG 3174C

Course Description

Principles of server-side development, including database design.

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG3146 - Social Platforms
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- DIG 2000, DIG 2030, DIG 2109, DIG 2500

Course Description

Introduction to social media as platforms, considering the affordances of contemporary platforms and platform-specific content production.

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG3153 - Writing for Digital Media**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Minimum grade of "B" (3.0) in DIG 2000.

Course Description

Methodologies, fundamentals, and history of written communications for the digital age. Application of methods and fundamentals in the following areas: language theory, document design, markup languages and the editing process.

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG3171 - Tools for Digital Humanities**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1101

Course Description

Examination of digital tools and techniques, including web and games, used for projects and research in digital humanities.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

DIG3174C - Front-End Web Design
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- PR: DIG 2500

Course Description

Principles of front-end web design using current markup and style languages.

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG3175 - Design for Accessibility and Engagement
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: DIG 3174C Front-End Web Design

Course Description

A multidisciplinary examination of methods and strategies for designing accessible and engaging web applications.

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG3355C - Artificial Environments and Effects**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites/Corequisites

- DIG3951

Course Description

Design and manipulation to convey a story, thought, and concept in visual medium. New imagery in motion such as non-character entities, music videos, and scientific visualization.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

DIG3433C - Visual Storytelling and Visual Development**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites/Corequisites

- DIG 3951.

Course Description

Processes and techniques to transform story concepts into a producible visual experience.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

DIG3450 - Interactive Performance I
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission by audition only. Digital Media, Theatre majors, or C.I.

Course Description

Techniques of interactive acting, with emphasis on interpersonal awareness and audience facilitation.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

DIG3480 - Computer as a Medium
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- DIG 2500, DIG 2030 and DIG 2109.

Course Description

Fundamentals of coding and scripting inside modern game engines with a focus on functionality and utilizing the computer as a medium to power their art.

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG3525 - Digital Media Production I
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- DIG 2030, DIG 2109, DIG 2500, and a minimum grade of "B" (3.0) in DIG 2000.

Course Description

Media project planning, organization and execution; group dynamics. Software tools for project planning, scheduling and management.

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG3554 - Digital Tools and Technologies: Web Design
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in DIG 2000 or C.I.

Course Description

Creative and functional website design and development using Adobe Dreamweaver, including use of CSS, HTML, and incorporation of media and mobile design.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

DIG3563 - Information Management and Entrepreneurship**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- DIG 3525.

Course Description

Managing digital technical & fiduciary aspects with view towards creating, storing, retrieving assets, & authoring databases & files. Basic financial introduction & entrepreneurial elements of starting & running small businesses.

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG3602C - Physical Computing**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- PR: DIG 2500, DIG 2109 and DIG 2030

Course Description

Integrate physical computing techniques and hardware design into their digital media projects and games.

Current Fee Per Student

\$18.00

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG3716C - Client-Side Scripting
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- DIG 2500.

Course Description

Object-oriented web programming using client-side scripting languages.

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG3727C - Game Level Design
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- PR: DIG 3480, DIG 4713, and DIG 4780C

Course Description

Modern game engine implementation and coding techniques in the support of immersive level design.

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG3728C - Game Testing**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- DIG 4713, DIG 3480, DIG 4780c

Prerequisites/Corequisites

- DIG 4713, DIG 3480, DIG 4780c (prerequisites)

Course Description

Test video games & analyze various interactive play experiences. Learn a game's marketability. Test professionally released games & peer developed games for quality assurance. Lab required.

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG3811 - User-Centered Design**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- DIG 3525.

Course Description

Applying knowledge about cognition and behavior to design usable interfaces and systems.

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG3933H - Honors Video Game Theory & Design**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 and Consent of Honors

Course Description

Theoretical and applied concepts in video game design and the literary impact of video games on our culture. With honors content.

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG3951 - Character Animation Portfolio Review**Credits Hours**

0

Lab/Studio/Field Work Hours

0

Prerequisites

- C.I.

Course Description

Review of relevant digital and artistic works in a student's portfolio.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

DIG4104C - Web Design Workshop I
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- DIG 3716C and DIG 3134C.

Course Description

Individual web development and master professional workflow tools.

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG4138 - Digital Sculpting
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- PR: DIG 4324C

Course Description

Develop sculptures in the real world, transpose them to a real-time virtual environment and output 3D virtual content back to a physical form.

Current Fee Per Student

\$12.00

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG4172C - Web Design Workshop II**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- A minimum grade of "C" (2.0) or better in DIG 4104C.

Course Description

Practice collaborative skills through designing and implementing professional quality websites

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG4206C - New Imagery in Motion Workshop**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- DIG 4325C, successful portfolio review, or C.I.

Course Description

Conceptual and technical aspects of scripting, image processing, 3D/2D data acquisition while practicing the use of generators, filters, particles, masks, and audio into digital projects.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

DIG4294C - Post-Production Game FX
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- PR: DIG 4138 - Digital Sculpting

Course Description

Polishing theories, techniques, and tools to increase the depth of interactivity and create a more visually dynamic experience.

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG4295C - Game Optimization & Performance
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- DIG 4778C and DIG 4725C

Course Description

Optimize code and game engine assets to improve performance in games.

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG4323C - Modeling for Visual Language**Credits Hours**

3

Lab/Studio/Field Work Hours

3

Prerequisites/Corequisites

- DIG 3951 and admission into the Emerging Media BFA, Character Animation Track or ART 3950 and admission into the Emerging Media BFA, Experimental Animation Track or ART 3952

Course Description

Exploration of industry-standard 3D software interface, modeling, UVing basics, applying materials and textures, and using lights and cameras to render scenes for digital film production.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

DIG4324C - Modeling for Realtime Systems II**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- DIG 4780C.

Course Description

Low & high-poly mesh, textures & maps, level of detail, animation, character creation, rigging, & weighting for real-time systems. Learn designing around limitations of game engines.

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG4325C - Look Modeling Workshop**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- DIG 4780C and PR/CR ART 3950 , OR DIG 4323C and DIG 3951.

Course Description

Techniques, mechanics of designing, developing finished look emphasis on rendering, shading, texturing, and lighting.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

DIG4326C - Geometrical Modeling Workshop**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- DIG 4780C and PR/CR ART 3950 , OR DIG 4323C and DIG 3951.

Course Description

Techniques and mechanics of designing and manipulating geometrical representations of artificial characters and their environments; introduction to procedural models.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

DIG4354C - Advanced 3D Animation
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- DIG 4323C, successful portfolio review, or C.I.

Course Description

Advanced tools, concepts and techniques developed in the previous 3D animation courses. Students apply techniques to 3D character animation.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

DIG4359C - Artificial Environments and Effects Workshop
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- DIG 3355C and successful portfolio review, or C.I.

Course Description

Techniques and mechanics of artificial environments, with emphasis on compositing, image processing, visual style, visual continuity.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

DIG4373C - 3D Textures**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- DIG 4323C or C.I.

Course Description

Advanced application of lighting and surface attributes, improving on the tools, concepts, and techniques learned in previous 3D courses.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

DIG4394C - Motion Graphics: Advanced Compositing**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- DIG 4359C, successful portfolio review, or C.I.

Course Description

Advanced techniques including 3D modeling, texturing, lighting, particles, and compositing to create motion graphics. Manage and navigate objects, images and other media in visual narratives, as pertaining to 3-D Content.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

DIG4395 - Motion Capture for Performance**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAC 1105C, and DIG 3480 or TPA 2200, or C.I.

Course Description

Develop creative skills, learn theory and technology of motion capture systems for live and recorded dramatic performance, augmented & virtual reality, training, and educational applications.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

DIG4434C - Narrative Techniques in the Moving Image**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- DIG 4451C, successful portfolio review, or C.I.

Course Description

Advanced application of techniques in Visual Language employed in story production focusing on advancing a narrative and evoking emotion.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

DIG4451C - Visual Storytelling and Visual Development Workshop**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- DIG 3433C and successful portfolio review, or C.I.

Course Description

Techniques, mechanics of visual development with emphasis on strong visual designs which communicate effectively.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

DIG4486C - Visual Language of Moving Image II**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- DIG 3433C, successful portfolio review, or C.I.

Course Description

Application of techniques taught to design, create, and refine visual development, story board, story reel, character design, and animation that expresses a narrative for digital production.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

DIG4503C - Rapid Application Web Development
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- DIG 3134C and DIG 3716C.

Course Description

Asynchronous web development using current server-side and client-side scripting techniques and database technologies.

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG4526 - Digital Media Production II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- DIG 3525 and a minimum grade of "B" (3.0) or better in DIG 2000.

Course Description

Management and execution of large digital media projects, using structured methods and tools learned in Digital Media Production I.

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG4530C - Media for e-Commerce**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- DIG 3134C and DIG 3716C.

Course Description

The applications of server-side internet programming languages and media theory to e-commerce, internet security, and online portals.

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG4595 - Portfolio Development**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: DIG 4725C

Course Description

Creation and marketing of personal portfolio and application of necessary communication skills to obtain industry-level employment.

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG4624C - Digital Production in Artificial Environments**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- DIG 4359C, successful portfolio review, or C.I.

Course Description

Application of techniques to continue building artificial environments and effects, addressing lighting, continuity, movement, theme and mood to help express a narrative for digital production.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

DIG4630 - Creative Industries**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- DIG 3525.

Course Description

Overview of media as a business, including market structures, funding models, and business practices. Emphasis on web, social media, and video games as sectors of the industry.

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG4633C - Multi-Modal Design
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- PR: DIG 2109, DIG 2030, and DIG 2500

Course Description

Examine and develop for emerging platforms with an emphasis on multi-platform support.

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG4639C - Mobile Development
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- PR: DIG 3716C and DIG 3174C Front-End Web Design

Course Description

Developing mobile applications using native web technologies.

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG4704 - Interactive Entertainment
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- DIG 3525 or C.I.

Course Description

Ways to apply diverse skills of film making to digital media, non-linear story telling, virtual reality, video games and non-traditional education & military simulation.

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG4713 - Game Design

Credits Hours

3

Prerequisites

- DIG 2109, DIG 2500 and DIG 2030. Digital Media Major or C.I.

Course Description

Principles and theories of video game design, including software, content, interaction, and game play design. Project based.

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG4715C - Game Production
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- DIG 4713 with a minimum grade of 'B' (3.0) or better.

Course Description

Principles and theories of video game production, including project planning, scripting, 3D modeling and texturing, level design, and audio. Project based.

Current Fee Per Student

\$10.00

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG4720C - Casual Game Production
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- DIG 4713 and DIG 4715C.

Course Description

Design and implement casual video games using professional tools and iterative design techniques.

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG4725C - Game Design Workshop I
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- DIG 4715C and DIG 3728.

Course Description

Design and pre-production of a game using professional tools and iterative design techniques.

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG4726C - Game Design Workshop II
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- A minimum grade of "C" (2.0) or better in DIG 4725C.

Course Description

Team-based continuation of DIG 4725C. Game design, production, and testing using professional tools and iterative design techniques.

Current Fee Per Student

\$11.00

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG4778C - Game Design Tools & Plugins**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- PR: DIG 3727C Game Level Design

Course Description

Game development techniques for designing tools for other designers to use, implement plugins, and extend the game engine to accomplish game development goals.

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG4780C - Modeling for Realtime Systems**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- A minimum grade of "B" or better in DIG 2000 and a minimum grade of "C" or better in DIG 2109.

Course Description

Principles of construction of 3D models for real-time applications. Topics include level of detail management and efficiency versus visual quality for video games and simulation.

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG4813 - Contemporary Topics in Digital Media**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Earn a minimum grade of C in each of the following:
 - DIG2030 - Digital Video Fundamentals (3)
 - DIG2109 - Digital Imaging Fundamentals (3)
 - DIG2500 - Fundamentals of Interactive Design (3)

Course Description

Digital media research topics may include games for health, social impact, and art; folklore in interactive media; data visualizations and informal learning; extended reality design.

Current Fee Per Student

\$15.00

College

College of Sciences

Department

Nicholson School of Communication and Media

DIG4855 - Converging Media Capstone**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- GEB 3031

Course Description

Cornerstone and 12 hours of restrictive electives within the Visual Arts and Emerging Media Management Track. Team based converging media projects leading to a capstone project that emphasizes creative thinking, prototyping, development, marketing and assessment paralleling the business world.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

DIG4941 - Internship
Credits Hours

1 - 99

Lab/Studio/Field Work Hours

1-99

Prerequisites

- Instructor Consent Required

Course Description

Digital Media Internship

College

College of Sciences

Department

Nicholson School of Communication and Media

DSC - Domestic Security

DSC4012 - Terrorism
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore Standing and ENC 1102.

Course Description

Examination of competing ideologies of social and political conflicts (both international and domestic) that give rise to terrorism and implications for criminal justice system.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

DSC4013 - Homeland Security and Criminal Justice
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore standing and ENC 1102.

Course Description

Analysis of homeland safety and security in contemporary society and government.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

EAB - Experimental Analysis of Behavior

EAB3703 - Principles of Behavior Modification
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PSY 2012.

Course Description

An examination of the control of behavior through applications of principles and theories of learning. Examples are drawn from clinical and social psychology and from child rearing.

College

College of Sciences

Department

Department of Psychology

EAP - English as a Second Language for Academic Purposes

EAP1850 - English for Academic Purposes I**Credits Hours**

6

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the Global Achievement Academy (GAA).

Course Description

Development of academic skills for international students. Topics include academic reading and vocabulary development; listening and note-taking; and writing practice and oral communication.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

EAP2851 - English for Academic Purposes II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the Global Achievement Academy (GAA) and a grade of "C" (2.0) or higher in EAP 1850 or consent of Global Achievement Academy.

Course Description

Development of advanced academic skills for international students. Topics include academic reading and vocabulary development; listening and note-taking; and writing practice and oral communication.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

EAS - Engineering: Aerospace

EAS3101 - Fundamentals of Aerodynamics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" (2.0), or better in EML 3701.

Course Description

Viscous, incompressible fluid flow; flow over finite wings; aerodynamic design; introduction to computational fluid dynamics.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EAS3530 - Space Systems Concepts**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" (2.0), or better in all of the following EGN 3321, PHY 2049C, and MAP 2302.

Course Description

Physical and engineering aspects of current space flights. Space nuclear propulsion and power. Design of spacecraft for space environment. Communication with spacecraft. Space-borne instrumentation.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EAS3800C - Aerospace Engineering Measurements
Credits Hours

3

Lab/Studio/Field Work Hours

3

Prerequisites

- C" (2.0), or better in EGN 3343.

Course Description

Theory, calibration and use of instruments. Measurement techniques, data analysis, report writing. Laboratory topics related to aerospace engineering.

Current Fee Per Student

\$15.00

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EAS3810C - Design of Aerospace Experiments

Credits Hours

3

Lab/Studio/Field Work Hours

3

Prerequisites

- "C" (2.0) or better in both EAS 3800C and EML 3701.

Course Description

Design of experiments in aeronautic/aerospace systems with emphasis on project team activity.

Current Fee Per Student

\$45.00

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EAS3933 - Aerospace Career and Academic Faculty Advising I
Credits Hours

0

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in MAP 2302.

Course Description

Mandatory meeting with students and their faculty advisor for career/academic advising.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EAS4105 - Flight Mechanics

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EAS 3101;

Corequisites

- EML 4225.

Course Description

Analysis and design of aircraft performance, static and dynamic stability and automatic control systems.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EAS4134 - High-Speed Aerodynamics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" (2.0) or better in EAS 3101.

Course Description

Normal and oblique shock waves, nozzles and wind tunnels, methods of analyzing compressible flow about airfoils, wings, and bodies. Viscous boundary layers and applications to the design process.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EAS4200 - Analysis & Design of Aerospace Structures**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" (2.0) or better in EGM 3601.

Course Description

Aerospace structures and components, loads, bending, shear and torsion of thin-walled open and closed section beams, structural idealization, analysis of fuselage and wing sections, structural instability (buckling) of columns and monocoque cylinders.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EAS4300 - Aerothermodynamics of Propulsion Systems**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" (2.0) or better in EAS 4134 or EML 4703.

Course Description

Fundamental analysis and design considerations of propulsion systems. Turbojets, ramjets and rockets.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EAS4400 - Spacecraft Attitude Dynamics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" (2.0), or better in EML 4225.

Course Description

Kinematics and dynamics of rigid and multibody spacecraft rotational motion. Attitude control with momentum exchange actuators and thrusters.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EAS4404C - Discrete Control in Aerospace Vehicles**Credits Hours**

3

Lab/Studio/Field Work Hours

3

Prerequisites

- "C" (2.0), or better in all of the following EAS 3800C, EML 4225, and EML 4313.

Course Description

Discrete control aspects of aerospace vehicles, digital controller, design, state-space representation, Z-transform, system response.

Current Fee Per Student

\$15.00

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EAS4505 - Orbital Mechanics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" (2.0) or better in all of the following: MAC 2311C, MAC 2312, MAC 2313, MAP 2302, PHY 2048C and EGN 3321.

Course Description

Two-body problem, orbital equations, orbital transfer, earth satellite operation.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EAS4700C - Aerospace Design I**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- "C" (2.0) or better in each EGN 3373, EAS 3101, EAS 3800C, EML 3701, EML 4225, and department consent.

Corequisites

- EAS 4931.

Prerequisites/Corequisites

- EAS 4931.

Course Description

Application of the design process to the team solution of a state-of-the-art problem. Airplanes and space vehicles, systems and devices are considered.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EAS4703 - Small Satellite Payloads and Integration:**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- EML 3303C or EAS 3800C or EEL 3801C or ESI 4523.

Course Description

Evaluate overall impact of integration and design concepts on various satellite component subsystems and their payloads into a small satellite system design leading to a final configuration.

Current Fee Per Student

\$45.00

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EAS4710C - Aerospace Design II
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- EAS 4931 and a "C" (2.0) or better in EAS 4700C.

Course Description

Continuation of the design process in the team building and testing of a prototype/model of an airplane, spacecraft, system or device.

Current Fee Per Student

\$60.00

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EAS4931 - Aerospace Career and Academic Faculty Advising II
Credits Hours

0

Lab/Studio/Field Work Hours

0

Prerequisites

- EAS 3933 and department consent.

Course Description

Mandatory meeting with students and their faculty advisor for career/academic advising

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

ECM - Engineering: Computer Mathematics

ECM4504C - Embedded Computer Systems
Credits Hours

4

Lab/Studio/Field Work Hours

3

Prerequisites

- EEL 4768C, EEL 4851C, EEL 4635C.

Course Description

Computer Applications in Systems role, sensor and actuator interfacing. Design projects, including problem statements and specifications, design methodology, implementation, testing, and documentation.

College

College of Engineering and Computer Science

Department

ECO - Economics

ECO2013 - Principles of Macroeconomics
Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

An introduction to macroeconomics, including an overview of the market economy; national income, employment, and price level determination, stabilization policies, and international economics.

College

College of Business Administration

Department

Department of Economics

ECO2013H - Honors Principles of Economics Macroeconomics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Permission of Honors.

Course Description

Same as ECO 2013 with honors-level content.

College

College of Business Administration

Department

Department of Economics

ECO2023 - Principles of Microeconomics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

The determination of prices in a market economy; their role in allocating consumer and producer goods and in distributing incomes, including attempts to improve market efficiency through public policy.

College

College of Business Administration

Department

Department of Economics

ECO2023H - Honors Principles of Microeconomics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Permission of Honors.

Course Description

The determination of prices in a market economy; their role in allocating consumer and producer goods and in distributing incomes, including attempts to improve market efficiency through public policy. Honors content.

College

College of Business Administration

Department

Department of Economics

ECO3070 - Tutoring/Teaching Techniques for Undergraduate Economics**Credits Hours**

1

Lab/Studio/Field Work Hours

0

Prerequisites

- Satisfactory completion of same course the student is tutoring.

Course Description

Prepare undergraduate students to more effectively learn economics concepts through tutoring/teaching.

College

College of Business Administration

Department

Department of Economics

ECO3101 - Intermediate Microeconomics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ECO 2013, ECO 2023 and QMB 3003.

Course Description

Theoretical study of the behavior of households, firms, and the markets in which they operate with issues and applications.

College

College of Business Administration

Department

Department of Economics

ECO3155 - Thinking Like an Economist**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ECO 2013, ECO 2023

Course Description

Build students' analytical and quantitative skills through the application of economic theory to social problems and issues.

College

College of Business Administration

Department

Department of Economics

ECO3203 - Intermediate Macroeconomics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ECO 2013 and ECO 2023 and QMB 3003.

Course Description

Measurement, analysis, and control of aggregate economic activity.

College

College of Business Administration

Department

Department of Economics

ECO3223 - Money and Banking**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ECO 2013.

Course Description

Nature of money, commercial banking system, and monetary theory, and their relationship to the level of economic activity and activities of the Federal Reserve and U.S. Treasury.

College

College of Business Administration

Department

Department of Economics

ECO3410 - Mathematical Economics
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ECO 3101.

Course Description

Mathematical methods with particular focus on microeconomics foundations of individual decision-making.

College

College of Business Administration

Department

Department of Economics

ECO3703 - International Microeconomics
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ECO 3101.

Course Description

Fundamental principles of Classical and Neoclassical international trade theories, as well as trade's impact on global resource flows and the impact of trade on the developing world. Trade policy both in theory and practice is also examined.

College

College of Business Administration

Department

Department of Economics

ECO4303 - History of Economic Thought**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ECO 2013 or ECO 2023.

Course Description

A study of the principal ideas of the major contributors to the development of economic thought.

College

College of Business Administration

Department

Department of Economics

ECO4400 - Game Theory and Economics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ECO 3101.

Course Description

A study of the strategic decision-making of parties having opposed, mixed, or similar interests.

College

College of Business Administration

Department

Department of Economics

ECO4400H - Honors Game Theory and Economic Applications**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Honors Students Only

Course Description

An introduction to the study of the strategic decision-making of parties having opposed, mixed, or similar interests. Consent of Honors

College

College of Business Administration

Department

Department of Economics

ECO4412 - Econometrics I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ECO 2013, ECO 2023 and QMB 3200.

Course Description

Students will study the linear regression model, first developing the theory and then applying it to data

College

College of Business Administration

Department

Department of Economics

ECO4422 - Econometrics II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Econometrics I

Course Description

Building on the linear regression model of Econometrics I, students will study generalized linear models, first developing the theory and then applying it to data.

College

College of Business Administration

Department

Department of Economics

ECO4443 - Introduction to Business Analytics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ECO 3410 and ECO 4412, or permission of department.

College

College of Business Administration

Department

Department of Economics

ECO4444 - Introduction to Business Analytics for FinTech
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admitted to FinTech Minor

Course Description

Provide an introduction to the programming languages and analytical tools commonly used to analyze data for business and financial decision making.

College

College of Business Administration

Department

Department of Economics

ECO4504 - Public Economics
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ECO 3101.

Course Description

A study of fiscal institutions and decision-making, and how government budgetary policy (spending, taxing, borrowing, and debt management) affects the economy and its citizens.

College

College of Business Administration

Department

Department of Economics

ECO4713 - International Macroeconomics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ECO 3101 or ECO 3203 or ECO 3223.

Course Description

International macroeconomics with review and analysis of current international macroeconomics, financial issues, policies and events.

College

College of Business Administration

Department

Department of Economics

ECO4714 - Advanced Topics in International Economics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ECO 3203 Intermediate Macroeconomics

Course Description

The objective is to understand the functioning of international financial markets and the theories describing how asset prices and macroeconomic variables are determined globally.

College

College of Business Administration

Department

Department of Economics

ECO4751 - Law and Economics
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ECO 2013 and ECO 2023.

Course Description

Impact of law on economic behavior; how economic behavior changes with legal rules and penalties; and the economic logic underlying the law.

College

College of Business Administration

Department

Department of Economics

ECO4934 - Topics in Econometrics
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ECO 4412.

Course Description

Emphasis on international topics in linear and nonlinear econometric models.

College

College of Business Administration

Department

Department of Economics

ECO4941 - Economics Internship
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Consent of department chair, ECO 3101, and ECO 3203.

Course Description

Supervised economics-related work experience in a pre-approved sponsoring organization. See department for information/application.

College

College of Business Administration

Department

Department of Economics

ECP - Economic Problems & Policy

ECP3004 - Seminar on Current Economic Topics
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ECO 3101.

Course Description

Content may include, but is not limited to, the analysis of current economic issues and policy, and the study of current economic methods and theories.

College

College of Business Administration

Department

Department of Economics

ECP3006 - Economics of Sports**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ECO 2023.

Course Description

Microeconomics is used to evaluate and analyze the business and practice of sports including the structure and conduct of sports leagues, revenue sharing and other forms of cooperation, labor markets and compensation for professional athletes, public financing of sport facilities, and sports in the not-for-profit sector.

College

College of Business Administration

Department

Department of Economics

ECP3203 - Labor Economics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ECO 3101 or ECP 4703.

Course Description

The analysis of labor problems and issues in a dynamic contemporary economy through the interaction of the four major institutions: households, firms, government, and unions.

College

College of Business Administration

Department

Department of Economics

ECP3302 - Economics and the Environment**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ECO 2023.

Course Description

Analysis of environmental problems from an economic perspective, its relationship to other disciplines, and the international dimension of environmental policy. Not open to Economics majors.

College

College of Business Administration

Department

Department of Economics

ECP4303 - Environmental and Natural Resource Economics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ECO 3101.

Course Description

Provide fundamental insights into the interdependence between energy use, environmental quality, and the economy at both the microeconomic and macroeconomic level.

College

College of Business Administration

Department

Department of Economics

ECP4403 - Industrial Organization
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ECO 3101.

Course Description

A study of the performance of industries representative of various types of market structure and practices, as well as the public policies affecting these industries.

College

College of Business Administration

Department

Department of Economics

ECP4530 - Health Economics
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ECO 3101.

Course Description

Analysis of the market for health and the derived market for health care using intermediate micro-economic modeling.

College

College of Business Administration

Department

Department of Economics

ECP4703 - Managerial Economics
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the Integrated Business major.

Course Description

Applies economic theory, principles, and techniques to business decision making. Students improve critical thinking skills and learn analytical tools needed to address key business issues.

College

College of Business Administration

Department

Department of Integrated Business

ECS - Economic Systems & Development

ECS4013 - Development Economics
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ECO 2013 and ECO 2023.

Course Description

The study of problems, theories, and issues of economic development in the global economy.

College

College of Business Administration

Department

Department of Economics

ECT - Education:Career/Technical

ECT2002 - Introduction to Career and Technical Teaching and Training
Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

An introduction to the profession of a career and technical education (CTE) teacher or industry/corporate trainer with adequate occupational experiences and/or subject matter expertise.

College

College of Community Innovation and Education

Department

Department of Educational Leadership & Higher Education

ECT3062 - Professional Roles of the Career & Technical Teacher
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Course Description

Introspection into career and technical education teaching and the transition from industry to education.

College

College of Community Innovation and Education

Department

Department of Educational Leadership & Higher Education

ECT3365 - General Methods/Testing Evaluation in Career & Technical Education
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Course Description

General teaching methods, testing and evaluation. Techniques specific to Career & Technical Education and Industry Training.

College

College of Community Innovation and Education

Department

Department of Educational Leadership & Higher Education

ECT3367 - Evaluation of Career & Technical Education Instruction
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Course Description

Assessing student cognitive, affective, and psychomotor performance in the technical environment.

College

College of Community Innovation and Education

Department

Department of Educational Leadership & Higher Education

ECT3371 - Course Construction in Industrial Education**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Course Description

Planning and preparation of materials, managing the laboratory and involvement in appropriate Career and Technical Student Organizations (CTSOs). Clinical instruction related to various industry occupations education and corporate training.

College

College of Community Innovation and Education

Department

Department of Educational Leadership & Higher Education

ECT4004 - Principles and Practices of Technical Education**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Course Description

Integrating historical principles, career structure, and current trends in technical education.

College

College of Community Innovation and Education

Department

Department of Educational Leadership & Higher Education

ECT4184 - Curriculum Development Techniques for Industry Training
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Course Description

The practical application of fundamental knowledge, important skills, alternative analysis methods, and the critical elements of the trainers analysis tasks.

College

College of Community Innovation and Education

Department

Department of Educational Leadership & Higher Education

ECT4384 - Advanced Teaching Techniques for Career Education
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Course Description

Developing techniques including cooperative learning, simulation, instructional modeling, and evaluation of instructional effectiveness.

College

College of Community Innovation and Education

Department

Department of Educational Leadership & Higher Education

ECT4815 - Safety in the Technical Education Classroom and Laboratory
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Course Description

Federal regulations, safety practices, guidance, and support materials for technical trainers and teachers in school and industrial settings.

College

College of Community Innovation and Education

Department

Department of Educational Leadership & Higher Education

ECW - Education:Career/Workforce

ECW3064 - Workforce Training and Development Fundamentals
Credits Hours

3

Prerequisites

- ENC 1102

Course Description

Workforce training and talent development fundamentals including theories, organizational goals, training issues/challenges, and program training plans.

College

College of Community Innovation and Education

Department

Department of Educational Leadership & Higher Education

ECW3312 - Course Construction in Health Occupations Education**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Course Description

Planning and preparation of materials, managing the laboratory and involvement in appropriate Career and Technical Student Organizations (CTSOs). Clinical instruction related to health occupations education and health industry training.

College

College of Community Innovation and Education

Department

Department of Educational Leadership & Higher Education

ECW3564 - Special Populations in Career & Technical Education**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Course Description

Overview of strategies and resources in meeting the needs of special populations in career and technical education settings.

College

College of Community Innovation and Education

Department

Department of Educational Leadership & Higher Education

ECW4103 - Workforce Training and Development Instructional Planning
Credits Hours

3

Prerequisites

- ENC 1102

Course Description

Workforce training and talent development curriculum frameworks, training modalities, as well as best practices in professional development strategies, facilitation techniques, and program evaluation.

College

College of Community Innovation and Education

Department

Department of Educational Leadership & Higher Education

EDE - Education: Elementary

EDE2280 - Arts and Wellness in Elementary Classrooms
Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

Provides the prospective teacher with knowledge, skills, and the dispositions to integrate arts and wellness into the elementary classroom curriculum.

College

College of Community Innovation and Education

Department

School of Teacher Education

EDE3942 - Internship I**Credits Hours**

3

Lab/Studio/Field Work Hours

6

Prerequisites

- EDG 4410, RED 3012, RED 4519, MAE 3310, MAE 3311, TSL 4080, GPA 2.5

Corequisites

- MAE 4326, RED 4942, EEX 4070

Course Description

Student teaching assignment in an elementary school under the supervision of a certified classroom teacher.

College

College of Community Innovation and Education

Department

School of Teacher Education

EDE4223 - Integrated Arts and Movement in the Elementary School**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to Elementary Education.

Course Description

Provides the prospective teacher with knowledge, skills, and dispositions to integrate arts and movement into the education of elementary school children.

Current Fee Per Student

\$10.00

College

College of Community Innovation and Education

Department

School of Teacher Education

EDE4301 - Elem Ed Capstone Colloquium
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EDE 3942 and Senior Standing.

Corequisites

- EDE 4943

Course Description

Refine skills and competencies in teaching and learning as identified by the Florida Educator Accomplished Practices and examine contemporary issues in elementary education.

College

College of Community Innovation and Education

Department

School of Teacher Education

EDE4943 - Internship II (Elementary)

Credits Hours

9

Lab/Studio/Field Work Hours

35

Prerequisites

- EDE 3942, GPA 2.5

Corequisites

- EDE 4301

Course Description

Student teaching in an elementary school under the supervision of a certified classroom teacher.

College

College of Community Innovation and Education

Department

School of Teacher Education

EDE4945 - Internship II Seminar**Credits Hours**

1

Lab/Studio/Field Work Hours

0

Prerequisites

- All required program courses

Corequisites

- EDE 4943 Internship II.

Course Description

Culminating seminar emphasizing current classroom management and assessment issues as they relate to teaching in the elementary grades.

College

College of Community Innovation and Education

Department

School of Teacher Education

EDF - Education: Foundations

EDF2005 - Introduction to the Teaching Profession**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

A survey course including an orientation to education careers, ethics, and the historical, philosophical and sociological foundations of education. This course has a field component.

College

College of Community Innovation and Education

Department

School of Teacher Education

EDF2007 - Introduction to Substitute Teaching**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Social and legal factors related to PK-12 teaching, including school safety, ethics, legal aspects, and roles and responsibilities of substitute teachers.

College

College of Community Innovation and Education

Department

School of Teacher Education

EDF2085 - Introduction to Diversity for Educators**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

An introduction to cultural factors and their impact on education and life changes. Explores stereotyping, prejudice and changing classroom demographics. Includes directed field experience.

College

College of Community Innovation and Education

Department

School of Teacher Education

EDF2130 - Child and Adolescent Development for Educators**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Critical examination of developmental stages and characteristics of individuals from infancy through adolescence with application to learners in educational settings.

College

College of Community Innovation and Education

Department

School of Teacher Education

EDF2250 - Classroom Management for Substitute Teachers**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Instructional and classroom management strategies to optimize student learning and maximize the effectiveness of substitute teachers.

College

College of Community Innovation and Education

Department

School of Teacher Education

EDF2510 - Education and Nation Building: American Historical Perspectives**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

An historical analysis of why education remains critical to nation building in the U.S. and elsewhere, including education's impact on current policies and issues.

College

College of Community Innovation and Education

Department

Learning Sciences & Educational Research

EDF2720 - Children in Schools: Legal, Ethical and Safety Concerns**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EDF 2005 or C.I.

Course Description

The role of education in children's lives through the analysis of legal, ethical and safety concerns.

College

College of Community Innovation and Education

Department

School of Teacher Education

EDF2801 - Global Perspectives on Education**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

National systems of education from a global perspective and exposure to the global and international challenges facing educators in the new millenium.

College

College of Community Innovation and Education

Department

Learning Sciences & Educational Research

EDF3601 - Professional Ethics in Education**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Pedagogical knowledge, awareness of educational process and the analytical skills necessary for responsible public involvement in educational policy making.

College

College of Community Innovation and Education

Department

School of Teacher Education

EDF4466 - Classroom Assessment & Evaluation Techniques**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Completion of Internship I or C.I.

Course Description

Classroom measurement skills in designing traditional and alternative assessments, using results for student evaluation and instructor performance, and interpretation of standardized test results.

College

College of Community Innovation and Education

Department

Learning Sciences & Educational Research

EDF4467 - Learning Theory and Assessment
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EDF 2005, or C.I.

Course Description

Application of learning theory and assessment principles to classroom teaching situations. Fifteen hour in-school experience required.

College

College of Community Innovation and Education

Department

School of Teacher Education

EDF4467H - Honors Learning Theory and Assessment
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EDF 2005, or C.I.

Course Description

Application of learning theory and assessment principles to classroom teaching situations using a case study design, teacher work samples, and a theoretical/conceptual debate. Fifteen hour in-school experience required.

College

College of Community Innovation and Education

Department

School of Teacher Education

EDF4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EDF 2005, or C.I.

Course Description

Critical analysis of contemporary educational issues, including ethical, safety, legal, cultural, and linguistic considerations which directly impact schooling in a democracy.

College

College of Community Innovation and Education

Department

School of Teacher Education

EDF4603H - Honors Analysis and Application of Ethical, Legal and Safety Issues in Schools
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Consent of Honors.

Course Description

Critical analysis of contemporary educational issues, including ethical, safety, legal, cultural, and linguistic considerations which directly impact schooling in a democracy with Honors content.

College

College of Community Innovation and Education

Department

School of Teacher Education

EDG - Education: General

EDG2000 - Careers in K-12 Education**Credits Hours**

3

Course Description

Students will explore a variety of careers within the field of K-12 education. Course experiences will introduce students to career and life planning theories and concepts and how to apply these to their own lives.

College

College of Community Innovation and Education

Department

School of Teacher Education

EDG2311 - Teaching Strategies for Substitute Teachers**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Planning, adapting and implementing effective instructional practices and assessing student performance in K-12 settings with diverse populations.

College

College of Community Innovation and Education

Department

School of Teacher Education

EDG2940 - Experiential Learning in Education**Credits Hours**

3

Prerequisites

- EDF 2005

Course Description

Students will learn about the field of education through a variety of field experiences. Course experiences will rely heavily on students' engagement in these targeted field experience placements and their structured reflections.

College

College of Community Innovation and Education

Department

School of Teacher Education

EDG4410 - Teaching Strategies and Classroom Management**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EDF 2005, and Admission to Elementary Education Pending, Elementary Education B.S. (all tracks), Secondary Education Pending, Secondary Education B.S. (all tracks), Early Childhood Education Pending, Early Childhood Education BS (all tracks), Exceptional Education Pending, Exceptional Student Education B.S. (all tracks), Music Education B.M.E. Music Education Pending, or any Education Minor, or C.I.

Course Description

Instructional, organizational and classroom management strategies to create effective learning environments. Fifteen hour in-school experience required.

College

College of Community Innovation and Education

Department

School of Teacher Education

EDG4941 - Directed Field Experience**Credits Hours**

1 - 8

Lab/Studio/Field Work Hours

8-Jan

Prerequisites

- Approval of Professional Laboratory.

Course Description

Field experience in an appropriate educational setting under the direction of a supervising teacher and/or university supervisor.

College

College of Community Innovation and Education

Department

School of Teacher Education

EDG4942 - Lifelong Learning Education Internship**Credits Hours**

3

Lab/Studio/Field Work Hours

12-Oct

Prerequisites

- EDG 4410, admission to Elementary Education B.S. Lifelong Learning track, Exceptional Education B.S. Lifelong Learning track, Secondary Education B.S.: Physical Education Lifelong Learning track, English Education Lifelong Learning track, Mathematics Education Lifelong Learning track, Science Education-Biology Lifelong Learning track, Science Education-Chemistry Lifelong Learning track, Science Education-Physics Lifelong Learning track, Social Science Lifelong Learning track

Course Description

To provide students a well-rounded view of informal education settings with a concentration on developing interpersonal, pedagogical, and leadership skills required for becoming a successful contributor to educational enterprises.

College

College of Community Innovation and Education

Department

School of Teacher Education

EDG4948 - Service Learning**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PSY 2012 or C.I.

Course Description

Involvement with not-for-profit agencies and/or schools to gain a new perspective on civic/community engagement.

College

College of Community Innovation and Education

Department

School of Teacher Education

EDG4954 - International Education Field Experiences
Credits Hours

1 - 3

Prerequisites

- Junior standing or C.I.

Course Description

A guided field experience for students participating in a study abroad program. Students gain insights into global and local issues through educational and cultural experiences.

College

College of Community Innovation and Education

Department

School of Teacher Education

EDP - Education: Psychology

EDP2270 - Adult Development & Learning
Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

An examination of theory and research on adult learning and development with emphasis on practical applications, instruction, and technology use in educational and workplace settings.

College

College of Community Innovation and Education

Department

Learning Sciences & Educational Research

EEC - Education: Early Childhood

EEC2732 - Health, Safety, and Nutrition for Young Children
Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

Health, safety and legal issues in early childhood (0-8) including injury protection and infection; healthy development promotion, good nutrition, and appropriate health/fitness habits.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEC3008 - Early Childhood Children's Literature
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission into the Early Childhood Development and Education Program (Track 2).

Course Description

A study of literature written for children ages birth through kindergarten, including an introduction to genres, authors and illustrators of children's books.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEC3214 - Child Development
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the Early Childhood Development and Education Program -Track 2.

Course Description

Provides pre-service early childhood professionals with an overview of theories and research related to early childhood development (Birth-Age 8).

College

College of Community Innovation and Education

Department

School of Teacher Education

EEC3613 - Observation and Assessment of Young Children
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the program.

Course Description

Appropriate methods for diagnosing, assessing, and evaluating young children, including children with diverse cultural and ethnic backgrounds. Appropriate interventions, remediations, and enrichment.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEC3700 - Social and Emotional Development of Young Children**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the Early Childhood Program and 2.75 gpa or Instructor Consent

Course Description

Provides an in-depth understanding of the social and emotional development of the young child. Examines the implication for curriculum development.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEC4207 - Assessment and Evaluation of Young Children**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the Early Childhood Program, EEC 3700, EEC 4661, EEC 4268 or Instructor Consent

Course Description

Early childhood education and services for young children and families. Includes early childhood historical, philosophical, and sociological perspectives, learning theories and field-based experiences.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEC4211 - Science and Math Learning for Young Children**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission into Early Childhood Development and Education Program (Track 3), EEC 4303, and EEC 4528.

Course Description

Methodologies for teaching and assessing young children in mathematics and science concepts and skills through an integrated developmentally appropriate program.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEC4235C - Early Childhood Education Seminar: Bridging Theory to Practice**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- (EEC 4604, EEC 4207, EEX 3450, RED 3012, and TSL 4240), and senior standing

Corequisites

- MAE 4300, RED 4311, SCE 4304.

Course Description

Seminar course which combines coursework, research, and practical experience. Seminar students will not be placed in their current work sites.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEC4260 - Early Childhood Program Evaluation**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission into the Early Childhood Development and Education Program (Track 3), EEC 4303, and EEC 4528.

Course Description

Formal and informal evaluation theories, methods and tools for implementing comprehensive evaluations of early childhood programs and policies and how they impact the program's stakeholders.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEC4268 - Curriculum Activities in Early Childhood**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to Early Childhood Education Program, 2.75 gpa or Instructor Consent.

Course Description

An integrated approach to curriculum planning and scheduling including materials, strategies, and environments for young children which emphasize active learning.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEC4303 - Planning Creative Activities in Early Childhood Education**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission into Early Childhood Development and Education program, gpa 2.75 or Instructor Consent

Course Description

Instructional methods for teaching skills to young children in PK-3rd grade. Hands-on creative play activities involve dance, music, theatre, visual arts, science, math, and literature.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEC4314 - Effective Practices for Guiding Young Children's Behavior**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission into Early Childhood Development and Education Program (Track 3), EEC 4303, and EEC 4528.

Course Description

Techniques to guide behavior of young children emphasizing classroom management, routines, and pro-social skills.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEC4402 - Cultural and Family Systems**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Explores the institution of family in its cultural context as a living dynamic system.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEC4414 - Parent-Child Relations**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EEC 3700; EEC 4661; or C.I.

Course Description

Review of research on child-rearing and parent-child relationships using case studies to explore influences of personality, developmental stages, family structure, ethnic and cultural factors on parenting.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEC4524 - Organization and Management in Early Childhood**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Provides students with managerial and supervisory skills required to administer a developmentally appropriate early childhood program.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEC4528 - Infant/Toddler Care and Education**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Provides the knowledge and skills that will enable the student to become a competent worker with very young children and their families.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEC4604 - Classroom Management and Guidance of Young Children**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EEC 3700 - Social and Emotional Development of Young Children Admission to the Early Childhood Program and EEC 3700, EEC 4661, EEC 4268 & gpa 2.75 or Instructor Consent

Course Description

Techniques to guide behavior of young children, emphasizing classroom management and pro-social skills.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEC4661 - Early Childhood Education Theory and Practice:
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the Early Childhood Program, 2.75 gpa or Instructor Consent

Course Description

Study of early childhood education and services for young children and families. Includes early childhood historical, philosophical, and sociological perspectives, learning theories and field-based experiences.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEC4744 - Child Life: Psychosocial Care of Children in Health Settings
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EEC 3700.

Course Description

Course teaches Child Life theory and practice to students wanting to work with children, youth and their families in hospitals and pediatric clinical settings.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEC4936 - Seminar in Early Childhood
Credits Hours

2

Lab/Studio/Field Work Hours

0

Course Description

Current trends, issues and advocacy in field of early childhood education. Includes guidance and clarification concerning student teaching.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEC4940 - Practicum: Early Childhood Development
Credits Hours

12

Lab/Studio/Field Work Hours

12

Prerequisites

- Must have completed all course work.

Course Description

A fieldwork practicum experience linking developmental theory with practice to provide students with a supervised, hands-on experience working with children, parents, families, and/or agencies.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEC4942 - Practicum: Early Childhood Careers
Credits Hours

9

Lab/Studio/Field Work Hours

9

Prerequisites

- Admission into the Early Childhood Development and Education Program (Track 3), EEC 4414, EEC 4260, EEC 4314, and EEC 4211.

Course Description

A fieldwork practicum experience linking developmental theory with practice to provide students with a supervised, hands-on experience working with children, parents, families, and/or agencies.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEC4943 - Student Teaching
Credits Hours

12

Lab/Studio/Field Work Hours

12

Prerequisites

- EEC 4235C, MAE 4300, RED 4311, SCE 4304, and EEC 4303

Course Description

Provides opportunities for student teachers to use the knowledge and skills they acquired in a supervised public school setting.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEE - Eng: Electrical & Electronic

EEE3307C - Electronics I**Credits Hours**

4

Lab/Studio/Field Work Hours

3

Prerequisites

- EEL 3123C with a grade of "C" (2.0) or better.

Course Description

Electronic devices including p-n junctions, bipolar transistors, field effect transistors and device models.

Current Fee Per Student

\$15.00

College

College of Engineering and Computer Science

Department**EEE3342C - Digital Systems****Credits Hours**

3

Lab/Studio/Field Work Hours

3

Prerequisites

- MAC 2311C, MAC 2312, PHY 2048C , PHY 2049C all with a "C" (2.0) or better grade.

Course Description

Combinational and sequential logic circuits including registers, arithmetic units, memories, finite state machines, and design with programmable logic devices.

Current Fee Per Student

\$9.00

College

College of Engineering and Computer Science

Department

EEE3350 - Semiconductor Devices**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EEL 3004C with a grade of "C" (2.0) or better and PHY 3101.

Course Description

Semiconductor device physics, energy band diagrams, electronic devices including p-n junctions, bipolar transistors, field effect transistors and device models.

College

College of Engineering and Computer Science

Department**EEE4309C - Electronics II****Credits Hours**

4

Lab/Studio/Field Work Hours

3

Prerequisites

- EEE 3307C, EEE 3342C with a grade of "C" (2.0) or better. Ideal Op-Amps and applications.

Course Description

Introduction to Logic Circuits; Bipolar, MOS and CMOS families; Flip-flops and memory cells, comparators and timing circuits: A/D and D/A converters.

Current Fee Per Student

\$20.00

College

College of Engineering and Computer Science

Department

EEE4314 - Device Electronics for Integrated Circuits**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EEE 3350

Course Description

P.N. Junctions, Bipolar Transistor Analysis, Metal Semiconductor contacts, MOS Systems MOSFET Analysis and Limitations.

College

College of Engineering and Computer Science

Department**EEE4334 - Computer-Aided Design of VLSI****Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in both COP 3503C and EEE 3342C.

Course Description

Introduction to computer-aided design techniques for high-level synthesis, logic synthesis, and physical synthesis. Emphasis on algorithms and data structures.

College

College of Engineering and Computer Science

Department

EEE4346C - Hardware Security and Trusted Circuit Design**Credits Hours**

3

Lab/Studio/Field Work Hours

3

Prerequisites

- EEL 3801C with a grade of "C" (2.0) or better.

Course Description

Design, analysis and synthesis of sequential logic circuits and systems. Data path and controller design using a hardware descriptive language. Case studies on hardware security.

College

College of Engineering and Computer Science

Department**EEE4463 - MEMS Devices and Applications****Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EEE 3350 or C.I.

Course Description

Micro-Electro Mechanical Systems devices, microfabrication, sensors and actuators, bulk and surface micromachining, optical MEMS, instrumentation and applications.

College

College of Engineering and Computer Science

Department

EEE4775 - Real-Time Systems**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- COP 4600 or EEL 4768 C or EEL4742C

Course Description

Introduction to specification, analysis, design, and validation techniques for real-time (operating) systems with an emphasis on real-time scheduling theory.

College

College of Engineering and Computer Science

Department

EEL - Engineering: Electrical

EEL3004C - Linear Circuits I**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- MAC 2311C, MAC 2312, MAC 2313, PHY 2048C , PHY 2049C all with a grade of "C" (2.0) or better grade.

Corequisites

- MAP 2302

Course Description

Analysis of linear circuits, AC analysis, power calculations, first order RL, RC circuits, three phase circuits. The course includes recitation and exploration of areas of study within electrical and computer engineering. Open to Computer Engineering, Electrical Engineering and Photonic Science and Engineering students only.

College

College of Engineering and Computer Science

Department

EEL3004K - Honors Linear Circuits I**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- Consent of Honors program, and MAC 2311C, MAC 2312, MAC 2313, PHY 2048C , PHY 2049C all with a grade "C" (2.0) or better grade.

Corequisites

- MAP 2302

Course Description

Analysis of linear circuits, AC, power calculations, first order RL/RC circuits, three phase circuits. Students explore areas of study within electrical and computer engineering.

College

College of Engineering and Computer Science

Department

Department of Electrical and Computer Engineering

EEL3021 - Introduction to Applied Randomness for Engineers**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAC 2312 with a grade of "C" (2.0) or better. Restricted to students from College of Engineering and Computer Science only.

Course Description

Axioms of probability, conditional probability, independence, law of total probability, random variables, probability distributions and density functions, second order statistics, joint distributions, random vectors, limit theorems, transformations of random variables.

College

College of Engineering and Computer Science

Department

EEL3123C - Linear Circuits II**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- EEL 3004C and MAP 2302 both with a grade of "C" (2.0) or better grade.

Course Description

Second order RLC circuit response, Laplace transform, frequency selective circuits, Fourier series; two port networks.

Current Fee Per Student

\$15.00

College

College of Engineering and Computer Science

Department**EEL3123K - Honors Linear Circuits II****Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- Consent of Honors program, and EEL 3004C, MAP 2302, both with a grade of "C" (2.0) or better grade.

Course Description

Second order RLC circuit response, Laplace transform, frequency selective circuits, Fourier series; two port networks.

Current Fee Per Student

\$15.00

College

College of Engineering and Computer Science

Department

EEL3290 - Global Energy Issues**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EEL 3004C with a grade of "C" (2.0) or better.

Course Description

Critically examines issues associated with the technical, economic, societal, environmental, and geopolitical aspects of energy. Taught through lectures and discussions.

College

College of Engineering and Computer Science

Department**EEL3470 - Electromagnetic Fields****Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EEL 3004C with a grade of "C" (2.0) or better.

Course Description

Electric and magnet fields and electromagnetic waves.

College

College of Engineering and Computer Science

Department

EEL3552C - Signal Analysis and Analog Communication**Credits Hours**

4

Lab/Studio/Field Work Hours

3

Prerequisites

- EEL 3123C with a grade of "C" (2.0) or better.

Course Description

Signals and signal space, Fourier series, Fourier Integral, transmission over linear systems, AM, FM, PM, sampling theorem and Nyquist rate.

Current Fee Per Student

\$15.00

College

College of Engineering and Computer Science

Department**EEL3657 - Linear Control Systems****Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EEL 3123C with a grade of "C" (2.0) or better.

Course Description

Control theory, transfer function modeling, Nyquist criteria, root locus, Bode plots, and Design of lead and lag compensation.

College

College of Engineering and Computer Science

Department

EEL3801C - Computer Organization**Credits Hours**

4

Lab/Studio/Field Work Hours

3

Prerequisites

- EGN 3211 and EEE 3342C both with grades of "C" (2.0) or better.

Course Description

Computer arithmetic, instruction set architecture, performance, data path, control unit, memory hierarchy, I/O interface.

College

College of Engineering and Computer Science

Department**EEL3926L - Junior Design****Credits Hours**

1

Lab/Studio/Field Work Hours

3

Corequisites

- EEE 3307C and EEL 4742C

Course Description

Preparatory skills are developed for Senior Design: Engineering design requirements specifications, test equipment utilization, microcontroller development tool usage, schematic capture and PCB design tools.

College

College of Engineering and Computer Science

Department

EEL4140C - Analog Filter Design**Credits Hours**

4

Lab/Studio/Field Work Hours

3

Prerequisites

- EEL 3123C with a grade of "C" (2.0) or better.

Course Description

Passive and active analog filter design.

Current Fee Per Student

\$15.00

College

College of Engineering and Computer Science

Department**EEL4205 - Electric Machinery****Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EEL 3004C with a grade of "C" (2.0) or better.

Course Description

Fundamentals of DC and AC electric machines.

College

College of Engineering and Computer Science

Department

EEL4216 - Fundamentals of Electric Power Systems**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EEL 3004C with a grade of "C" (2.0) or better.

Course Description

Three-phase power representation and analysis, transformers, per unit system, symmetrical components, faults, and transmission lines.

College

College of Engineering and Computer Science

Department**EEL4294 - Introduction to Smart Grid****Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- (EEE 3307C and EEL 3657) or EEL 4216 or C.I.

Course Description

Fundamentals of electric power systems, distributed generation and smart grid components, voltage control and VAR compensation, demand response, leader-follower optimization, resiliency.

College

College of Engineering and Computer Science

Department

EEL4298 - Power System Economics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EEL 3004C with a grade of "C" (2.0) or better.

Course Description

The course examines fundamentals of power system economics, including power market operations and power system planning.

College

College of Engineering and Computer Science

Department

Department of Electrical and Computer Engineering

EEL4362 - Post-CMOS Devices and Circuits**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EEE 3342C with a grade of "C" (2.0) or better and EEE 3307C.

Course Description

Post-CMOS device technologies for next-generation energy efficient memory and logic designs.

College

College of Engineering and Computer Science

Department

EEL4436C - Microwave Engineering
Credits Hours

4

Lab/Studio/Field Work Hours

3

Prerequisites

- EEL 3470

Course Description

Transmission line theory, Smith charts, S-parameters, simple impedance matching circuits, wave guides, resonators, basic microwave measurements

Current Fee Per Student

\$35.00

College

College of Engineering and Computer Science

Department

EEL4440C - Optical Engineering
Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites

- EEL 3470 or C.I.

Course Description

Lens systems, aberrations, sources, radiometry, detectors, physical optics, interferometric devices, applications to engineering design problems.

College

College of Engineering and Computer Science

Department

Department of Electrical and Computer Engineering

EEL4515C - Fundamentals of Digital Communication**Credits Hours**

4

Lab/Studio/Field Work Hours

3

Prerequisites

- EEL 3552C

Course Description

Sampling and aliasing, quantization, PCM, delta modulation, line coding, intersymbol interference, digital carrier systems, ASK PSK and M-ary communication, noise, BER analysis.

Current Fee Per Student

\$20.00

College

College of Engineering and Computer Science

Department**EEL4518 - Satellite Communications****Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EEL 3552C

Course Description

Principles of satellite communication including communications satellites, earth stations, link analysis, FDMA, and TDMA.

College

College of Engineering and Computer Science

Department

EEL4612C - Introduction to Modern and Robust Control**Credits Hours**

4

Lab/Studio/Field Work Hours

3

Prerequisites

- EEL 3657.

Course Description

Classical control theory including differential equations and Laplace transform techniques, stability analysis, and classical frequency domain design. Modeling and Position, Speed, Vibration Control Design Laboratories.

College

College of Engineering and Computer Science

Department**EEL4635C - Computer Control Systems****Credits Hours**

4

Lab/Studio/Field Work Hours

3

Prerequisites

- EEL 3657.

Course Description

Discrete-time systems, the z-transform, and single loop computer control systems. Digital simulation in the analysis and design of processes with embedded computers. No graduate credit for both EEL 5630 and this course.

College

College of Engineering and Computer Science

Department

EEL4650 - Introduction to Sensors**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EEL 3123C with a "C" (2.0) or better grade.

Course Description

Basics of measurements, physics of energy transduction, sensor specifications (range, sensitivity, accuracy, repeatability, noise), applications, basics of signal conditioning.

College

College of Engineering and Computer Science

Department

Department of Electrical and Computer Engineering

EEL4660 - Robotic Systems**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EGN 3321 or EEL 4742C or COP 3503C.

Course Description

Team based development of a robotic system incorporating concepts such as sensing, computer vision, machine learning, localization, mapping, manipulation and locomotion.

College

College of Engineering and Computer Science

Department

Department of Electrical and Computer Engineering

EEL4742C - Embedded Systems**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- EEL 3801C with a grade of "C" (2.0) or better.

Course Description

Microcontroller systems, assembly language programming, data representation, memory and device interfacing, timing analysis, parallel and serial communication, timers, interrupts, signal interfacing considerations, and applications.

Current Fee Per Student

\$15.00

College

College of Engineering and Computer Science

Department**EEL4750 - Digital Signal Processing Fundamentals****Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EEL 3123C with a grade of "C" (2.0) or better.

Course Description

Study of discrete-time signals and systems, Z-transform, DFT introduction to digital filter design.

College

College of Engineering and Computer Science

Department

EEL4768 - Computer Architecture**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EEL 3801C or CDA 3103C with a grade of "C" (2.0) or better.

Course Description

Computer systems performance and evaluation, processor datapath and control, microprogrammed architectures, instruction and arithmetic pipelines, cache and virtual memory, and RISC vs. CISC.

College

College of Engineering and Computer Science

Department

Department of Electrical and Computer Engineering

EEL4781 - Computer Communication Networks**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EEL 3801C with a grade of "C" (2.0) or better and STA 3032.

Course Description

Network models. Media access protocols. Data link control. Routing and flow control. Internetworking. Current architectures and protocols: OSI, ethernet, token, ring, FDDI, HSLC, X.25, etc.

College

College of Engineering and Computer Science

Department

EEL4783 - Hardware Description Languages in Digital Systems Design**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EEE 3342C with a grade of "C" (2.0) or better.

Course Description

Hardware description languages, simulation and synthesis of RTL circuits and systems, design examples and projects.

College

College of Engineering and Computer Science

Department**EEL4798 - Massive Storage and Big Data****Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EEL 3801C or CDA 3103C, with a grade of "C" (2.0) or better.

Course Description

Big data architectures & file storage systems. Infrastructures such as MapReduce and storage, with focus on system architecture, file storage, programming models, application development & performance evaluation.

College

College of Engineering and Computer Science

Department

Department of Electrical and Computer Engineering

EEL4815 - Current Topics in Machine Learning I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EEL 3801C with a grade of "C" (2.0) or better; COP 3503C with a grade of "C" (2.0) or better; STA 3032 or EEL 3021

Course Description

Machine Learning and Applications. Perception Network, BP Network, Convolutional NN, Recurrent NN, Evolutionary Computation, and Reinforcement Learning.

College

College of Engineering and Computer Science

Department

Department of Electrical and Computer Engineering

EEL4817H - Honors Current Topics in Machine Learning II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Consent of Honors and EEL 4818H.

Course Description

Research topics in Machine Learning. Students will be assigned a research project and a faculty mentor who will supervise this project.

College

College of Engineering and Computer Science

Department

Department of Electrical and Computer Engineering

EEL4818H - Honors Current Topics in Machine Learning I
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EEL 3801C with a grade of "C" (2.0) or better or COP 3503C with a grade of "C" (2.0) or better or STA 3032 or EEL 3021 or C.I. Consent of Honors.

Course Description

Machine Learning and Applications. Perception Network, BP Network, Convolutional NN, Recurrent NN, Evolutionary Computation, and Reinforcement Learning. With Honors Content.

College

College of Engineering and Computer Science

Department

Department of Electrical and Computer Engineering

EEL4832 - Engineering Applications of Computer Methods
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EEL 3123C and EGN 3211 both with a grade of "C" (2.0) or better.

Course Description

Engineering applications of numerical methods, including solution of differential equations, simulation, optimization, and multidimensional root-finding, integration and series approximations.

College

College of Engineering and Computer Science

Department

EEL4851C - Engineering Data Structures**Credits Hours**

4

Lab/Studio/Field Work Hours

3

Prerequisites

- EEL 3801C with a grade of "C" (2.0) or better.

Course Description

Design of data structures and algorithms, with emphasis on performance analysis, memory organization, stacks, queues, linked lists, trees, graphs, searches, and sorts. Introduction to object-oriented structures.

College

College of Engineering and Computer Science

Department**EEL4872 - Engineering Applications of Intelligent Systems****Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EEL 4851C or COP 3503C or equivalent or C.I.

Course Description

Knowledge and intelligence, predicate logic and automated reasoning, heuristic search, knowledge representation, automated planning, introduction to machine learning, knowledge-based systems and philosophy of AI.

College

College of Engineering and Computer Science

Department

Department of Electrical and Computer Engineering

EEL4882 - Engineering Systems Software**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EEL 3801C.

Course Description

Introduction to operating systems concepts and facilities for engineering applications, including multiprogramming, resource allocation and management, systems utilities, and operating system implementation.

College

College of Engineering and Computer Science

Department**EEL4884C - Engineering Software Design****Credits Hours**

4

Lab/Studio/Field Work Hours

3

Prerequisites

- EEL 4851C.

Course Description

Software systems development life cycle, function and object-oriented methodologies, CASE; Analysis, design, and development of a large software project.

College

College of Engineering and Computer Science

Department

EEL4890 - Continuous System Simulation I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAP 2302.

Course Description

Numerical integration techniques and discrete time system models for approximating the dynamics of continuous systems.

College

College of Engineering and Computer Science

Department**EEL4914 - Senior Design I****Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EEE 3307C, EEL 4742C, and consent of ECE Department.

Course Description

Applications of engineering design to realistic and meaningful problems. Constraints such as economic factors, safety, reliability, aesthetics, ethics, social impact and engineering organizations are considered.

College

College of Engineering and Computer Science

Department

EEL4915L - Senior Design II**Credits Hours**

3

Lab/Studio/Field Work Hours

3

Prerequisites

- EEL 4914.

Course Description

Execution of electrical and computer engineering project including complete project design review, construction, testing and demonstration. Emphasis on design, prototyping, cost, functionality, presentation, team effort and final report.

Current Fee Per Student

\$15.00

College

College of Engineering and Computer Science

Department

EES - Environmental Engineering Science

EES4111C - Biological Process Control**Credits Hours**

4

Lab/Studio/Field Work Hours

3

Prerequisites

- ENV 3001 with a grade of "C" (2.0) or better.

Course Description

Engineering design, measurements and analysis of biological systems in environmental engineering for water management, bioenergy products, wastewater treatment, and others.

Current Fee Per Student

\$70.00

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

EES4202C - Chemical Process Control**Credits Hours**

4

Lab/Studio/Field Work Hours

3

Prerequisites

- CHM 2046 and ENV 3001 both with a grade of "C" (2.0) or better.

Course Description

Engineering design, measurements, and analysis of chemical systems in environmental engineering to control treatment processes such as softening, coagulation, disinfection, scrubbing, neutralization, and others.

Current Fee Per Student

\$60.00

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

EEX - Education: Exceptional-Care Competencies

EEX2010 - Introduction to Special Education**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Orientation to the education of children and adolescents with special needs in the schools. The course includes characteristics, trends, mainstreaming, and other issues.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEX2090 - Exceptional Populations in School and Society**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Characteristics of exceptionalities in school and society to increase student awareness and comfort levels with individuals with exceptionalities.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEX2758 - Enhancing Family Involvement in Education**Credits Hours**

2

Lab/Studio/Field Work Hours

0

Course Description

Development of partnerships with families of students with disabilities and their communities to address the educational needs of all students.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEX3221 - Assessment of Exceptional Students**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Formal and informal assessment techniques for screening, placement, program planning, program evaluation, and monitoring of progress of exceptional students.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEX3241 - Methods for Academic Skills for Exceptional Students**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the CED or Admission to the ESE Minor.

Course Description

Teaching strategies, instructional materials, and monitoring techniques for children and adolescents with special needs. Must be taken before Internship I.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEX3243 - Techniques for Exceptional Adolescents-Adults**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Corequisites

- EEX 3241.

Course Description

A study of strategies, basic and functional content, career and vocational educational, and transition planning for adolescents and adults with special needs.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEX3450 - Young Children With Special Needs**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the Early Childhood Program, gpa 2.75 or Instructor Consent

Course Description

Provides an overview of the unique field of early childhood special education, its mission, and approaches to helping young children and their families.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEX3830 - Practicum in Exceptional Student Education**Credits Hours**

3

Lab/Studio/Field Work Hours

45

Prerequisites

- Students must apply and be approved for practicum – fingerprinting is required by all school districts prior to placement. All clearances and eligibility are determined by school districts. Students must have completed at least 50% of all specialization courses with a letter grade of "C" (2.0) or better before registering and be approved by an advisor to register for the course.

Course Description

Opportunity to participate in an educational setting for an extended period of time and put into practice exceptional education courses knowledge.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEX3942 - Internship I Exceptional Education
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EDG 4410, RED 3012, EEX 2010, EEX 3241, MAE 2801.

Course Description

Student teaching in exceptional education in both elementary and secondary school settings under the supervision of a certified classroom teacher.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEX4066 - Curriculum, Theory and Instructional Strategies for Students with Special Needs
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EEX 3241, RED 3012, LAE 4314.

Course Description

Theoretical concepts, curriculum development and specialized strategies for students with special needs.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEX4070 - Teaching Exceptional Students
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EDG 4410.

Course Description

Development and practice of effective teaching and management strategies for elementary regular classroom teachers to use in working with mild disabilities.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEX4204 - Instructional Strategies for Effective Inclusive Settings
Credits Hours

1 - 3

Lab/Studio/Field Work Hours

0

Prerequisites

- Overall minimum 2.5 GPA or C.I.

Course Description

A comprehensive background on Exceptional Education history, reform, and educational strategies to teach students with disabilities in inclusive settings.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEX4242 - Teaching Exceptional Students in Secondary Settings**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EDF 2005 and Junior Standing

Course Description

Instructional and management strategies for secondary general education teachers to use in working with students with disabilities.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEX4250 - Reading Instruction in Exceptional Education**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- EDF 2005

Course Description

Develop reflective practitioners knowledgeable in literacy strategies and direct instruction approaches to support children and youth with disabilities in reading.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEX4601 - Introduction to Behavior Management**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Study of management techniques based on applied behavioral analysis principles for modifying inappropriate behaviors and maintaining appropriate behaviors of exceptional students.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEX4751 - Parent Involvement in Education**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the Early Childhood Program, gpa 2.75 or Instructor Consent

Course Description

This course prepares students to successfully interact with and involve parents in their child's education.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEX4757 - Respite Care**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior Standing or C.I.

Course Description

General knowledge and best practice in the field of temporary care: the nature and needs of care givers and care recipients, including special populations.

College

College of Community Innovation and Education

Department

School of Teacher Education

EEX4763 - Technology for Classroom Teachers of Students with Special Needs**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EEX 3241, RED 3012, LAE 4314, MAE 2801.

Course Description

Enhancing teacher preparation through the use of technology for students with special needs.

College

College of Community Innovation and Education

Department

School of Teacher Education

EGM - Engineering Science

EGM3601 - Solid Mechanics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" (2.0) or better in the following MAC 2311C, MAC 2312, MAC 2313, PHY 2048C and EGN 3310

Course Description

Concepts of stress, strain, deflection; axial force, torsion, bending, combined stress, Mohr's circle, failure theories, design concepts, application to machines and vehicles.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EGM3601H - Honors Solid Mechanics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- With a grade of "C" or better (2.0) or better in each of the following MAC 2311C, MAC 2312, MAC 2313, PHY 2048C, EGN 3310 and Consent of Honors.

Course Description

Concepts of stress, strain, deflection, axial force, energy, torsion, bending, buckling, combined stress/strain, Mohr's circles, failure theories; design concepts, application to machines and vehicles. With Honors content.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EGN - Engineering: General

EGN1007C - Engineering Concepts and Methods**Credits Hours**

1

Lab/Studio/Field Work Hours

2

Prerequisites

- EGS 1006C and New student status or C.I.

Course Description

Introduction to the use of computer and applications software in solving engineering problems. Introduction to the concepts of engineering design through the use of teams: engineering communication; engineering professionalism and ethics.

College

College of Engineering and Computer Science

Department

College of Engineering and Computer Science Dean's Office

EGN2920C - LEAD Colloquium**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- C.I., LEAD Scholars Program, Must have completed at least two of the following with a grade of B or better, IDS 1040C, GEB 1091C, EGS 1036C, EDG 1005C or HSC 1931C.

Course Description

Provides experiential leadership experience in an appropriate leadership setting under the direction of a university supervisor with the LEAD Scholars Program.

College

College of Engineering and Computer Science

Department

Department of Industrial Engineering and Management Systems

EGN3211 - Engineering Analysis and Computation**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAC 2312 with a "C" (2.0) or better.

Course Description

Engineering analysis and computation with structured constructs. Subscripted variables, functions, input/output. Applications in embedded systems and examples in numerical methods.

College

College of Engineering and Computer Science

Department**EGN3310 - Engineering Analysis-Statics****Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAC 2311C, PHY 2048C both with a grade of "C" (2.0) or better

Corequisites

- MAC 2312.

Course Description

Fundamental concepts of mechanics, including resultants of force systems, free-body diagrams, equilibrium of rigid bodies, and analyses of structures.

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

EGN3310H - Honors Engineering Analysis-Statics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Permission of Honors and MAC 2311C, PHY 2048C both with grades of "C" (2.0) or better

Corequisites

- MAC 2312.

Course Description

Advanced treatment of material and additional topics, including project work. With Honors content.

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

EGN3321 - Engineering Analysis-Dynamics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" (2.0) or better in both MAC 2313 and EGN 3310.

Course Description

Kinematics and kinetics of particles and rigid bodies; mass and acceleration, work and energy, impulse and momentum, introduction to kinematics of mechanisms; introduction to 3D rigid body dynamics; central force.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EGN3321H - Honors Engineering Analysis - Dynamics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" (2.0) or better in both MAC 2313, EGN 3310, and Consent of Honors.

Course Description

Kinematics and kinetics of particles and rigid bodies; mass and acceleration, work and energy, impulse and momentum, introduction to kinematics of mechanisms; introduction to 3D rigid body dynamics; central force.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EGN3331C - Mechanics of Materials**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- EGN 3310 with a grade of "C" or better

Corequisites

- MAP 2302.

Course Description

Concepts of stress, strain, strength, deflection of axial force members, shafts in torsion, beams in flexure, combined stress, stability of columns, and design of simple elements.

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

EGN3343 - Thermodynamics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" (2.0) or better in both MAC 2313 and EGN 3310.

Course Description

Work, heat, and energy transformations. Relation of properties. Laws, concepts, and modes of analysis common to all applications of thermodynamics in engineering.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EGN3343H - Honors Thermodynamics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" (2.0) or better in both MAC 2313, EGN 3310, and Consent of Honors.

Course Description

Work, heat, and energy transformations. Relation of properties. Laws, concepts, and models of analysis common to all applications of thermodynamics in engineering. Honors content.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EGN3365 - Structure and Properties of Materials**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- (CHS 1440 or CHM 2045C) and MAC 2312 with grades of "C" (2.0) or better in both.

Course Description

Atomic structure and bonding, crystal structure and imperfections, solidification, phase transformations, phase diagrams, heat treatment, mechanical & electrical properties, materials characterization techniques.

College

College of Engineering and Computer Science

Department

Department of Materials Science and Engineering

EGN3365H - Honors Structure and Properties of Materials**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAC 2312, and (CHS 1440 or CHM 2045C), with grades of "C" (2.0) or better in both; and consent of Honors.

Course Description

Atomic bonding; lattices; phonons; crystal structure; diffraction; defects; diffusion; phase equilibria and diagrams; transformations kinetics; mechanical, thermal, electrical, optical, and magnetic properties. With Honors content.

College

College of Engineering and Computer Science

Department

Department of Materials Science and Engineering

EGN3373 - Principles of Electrical Engineering**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHY 2049C

Corequisites

- MAP 2302.

Course Description

Fundamentals of electrical circuits and analysis; fundamentals of electronics and AC power systems, transformers, electromechanics and rotating machines.

College

College of Engineering and Computer Science

Department

Department of Electrical and Computer Engineering

EGN3373H - Honors Principles of Electrical Engineering**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Permission of Honors and PHY 2049C

Corequisites

- MAP 2302.

Course Description

Fundamentals of electrical circuits and analysis. Fundamentals of electronics and AC power systems, transformers, electromechanics and rotating machines.

College

College of Engineering and Computer Science

Department

Department of Electrical and Computer Engineering

EGN3420 - Engineering Analysis**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EGN 3211, and MAC 2312 with a "C" (2.0) or better.

Course Description

Engineering applications of numerical methods including curve fitting, matrix operations, root finding, interpolating, integration and plotting.

College

College of Engineering and Computer Science

Department**EGN3613 - Engineering Economic Analysis****Credits Hours**

2

Lab/Studio/Field Work Hours

0

Prerequisites

- MAC 2311C with a grade of "C" (2.0) or better, not open to Industrial Engineering students.

Course Description

Economic evaluation of engineering alternatives and design. Time value of money and economic impact of taxes, risk, depreciation.

College

College of Engineering and Computer Science

Department

Department of Industrial Engineering and Management Systems

EGN4060C - Introduction to Robotics**Credits Hours**

3

Lab/Studio/Field Work Hours

3

Prerequisites

- COP 3223C or EGN 3211; and EEL 3657 or EEL 4742C or COP 3503C or EGN 3321.

Course Description

Theory and application of robotics topics including; architecture, path planning, sensing and manipulation.

College

College of Engineering and Computer Science

Department

Department of Electrical and Computer Engineering

EGN4641C - Engineering Entrepreneurship**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- Senior standing, ENT 4183, or C.I.

Course Description

All aspects of a successful engineering entrepreneurship enterprise. Content includes lectures, case studies, and seminars. Active student participation. Course material is augmented through seminars given by engineers, business people, and specialists, based on their own experiences.

College

College of Engineering and Computer Science

Department

CORE

EGN4931H - Honors Engineering Seminar**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Permission of Honors and Senior standing and C.I.

Course Description

Introduces a select group of students in engineering or other fields of science to the methodology commonly employed in research. Students will carry out independent research which will prepare them for graduate study.

College

College of Engineering and Computer Science

Department

College of Engineering and Computer Science Dean's Office

EGN4941 - Internship**Credits Hours**

0 - 99

College

College of Engineering and Computer Science

Department

College of Engineering and Computer Science Dean's Office

EGS - Engineering: Support

EGS1006C - Introduction to the Engineering Profession**Credits Hours**

1

Lab/Studio/Field Work Hours

2

Prerequisites

- New students status or C.I.

Course Description

Overview of academic and professional requirements in various engineering disciplines.

College

College of Engineering and Computer Science

Department

College of Engineering and Computer Science Dean's Office

EGS1036C - Foundations of Leadership**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- LEAD Scholars Program.

Course Description

Seminar for LEAD Scholars in the College of Engineering & Computer Science providing a foundation of leadership, scholarship, and service regarding disciplines in the college.

College

College of Engineering and Computer Science

Department

Department of Industrial Engineering and Management Systems

EGS3030 - Leadership in Engineering I**Credits Hours**

0

Lab/Studio/Field Work Hours

0

Prerequisites

- Engineering, Computer Science or Information Technology major.

Course Description

Leadership roles for engineers are presented by prominent professionals in industry and government.

College

College of Engineering and Computer Science

Department

College of Engineering and Computer Science Dean's Office

EGS3031 - Leadership in Engineering II**Credits Hours**

0

Lab/Studio/Field Work Hours

0

Prerequisites

- Engineering, Computer Science or Information Technology major.

Course Description

Leadership roles for engineers are presented by prominent professionals in industry and government.

College

College of Engineering and Computer Science

Department

College of Engineering and Computer Science Dean's Office

EGS4624 - Engineering Innovation and Leadership**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Senior standing.

Course Description

A broad range of topics including corporate organization structures, individual and team leadership, and techniques to enhance innovation and creativity.

College

College of Engineering and Computer Science

Department

Department of Industrial Engineering and Management Systems

EGS4633 - Engineering Consumer Products**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- PR: Senior standing in an engineering or art major.

Course Description

The courses focus is design and engineering of consumer based products. The course emphasizes the aesthetics, user interface, ergonomics and safety of the proposed product.

College

College of Engineering and Computer Science

Department

Department of Industrial Engineering and Management Systems

EGS4710 - Energy and Society**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Investigation of available energy forms; energy resources versus requirements in an increasingly complex technological society; possible solutions and future predictions.

College

College of Engineering and Computer Science

Department

College of Engineering and Computer Science Dean's Office

EGS4950 - Engineering Leadership Capstone

Credits Hours

3

Prerequisites

- Enrolled in Engineering Leadership Minor or Certificate Corequisite(s): approved design course in Engineering or Computer Science.

Course Description

Students will reflect upon and define their professional approach. Students will develop their professional portfolio, concept of operations, and individual strategic plan.

College

College of Engineering and Computer Science

Department

College of Engineering and Computer Science Dean's Office

EIN - Engineering: Industrial

EIN2002 - Introduction to Industrial Engineering and Management Systems

Credits Hours

1

Lab/Studio/Field Work Hours

0

Prerequisites

- MAC 2311C with a grade of a "C" (2.0) or better and sophomore standing.

Course Description

Introduction to the profession of Industrial Engineering and important skills necessary for success. Course includes presentations by local IE professionals.

College

College of Engineering and Computer Science

Department

Department of Industrial Engineering and Management Systems

EIN3314 - Work Analysis and Design**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- STA 3032 with a grade of "C" (2.0) or better or C.I.

Course Description

Introduction to lean six sigma analysis as applied to design and improvement of work systems in any organization. Various data collection and analysis methods utilized.

College

College of Engineering and Computer Science

Department

Department of Industrial Engineering and Management Systems

EIN3351 - Engineering Economic Analysis and Cost Engineering**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAC 2311C with a grade of "C" (2.0) or better.

Course Description

Knowledge and understanding of economic evaluation of engineering and management alternatives, cost analysis, budgeting and estimating techniques.

College

College of Engineering and Computer Science

Department

Department of Industrial Engineering and Management Systems

EIN3354 - Principles of Cost Engineering
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EGN 3613.

Course Description

This course is to provide engineers from all disciplines the background for the cost estimation of engineering systems throughout the product life cycle.

College

College of Engineering and Computer Science

Department

Department of Industrial Engineering and Management Systems

EIN4191C - Engineering Leadership Seminar I
Credits Hours

2

Lab/Studio/Field Work Hours

2

Prerequisites

- Junior or better standing in engineering with C.I.

Course Description

Progressive engineering leadership development (intrapersonal to interpersonal to organizational to community) via a combination of experiential and practical experiences in engineering-specific corporate and community settings.

College

College of Engineering and Computer Science

Department

Department of Industrial Engineering and Management Systems

EIN4192C - Engineering Leadership Seminar II**Credits Hours**

2

Lab/Studio/Field Work Hours

2

Prerequisites

- EIN 4191C.

Course Description

Continuation of EIN 4191C.

College

College of Engineering and Computer Science

Department

Department of Industrial Engineering and Management Systems

EIN4243 - Human Engineering**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- STA 3032 with a grade of "C" (2.0) or better.

Course Description

Man/machine systems; design and conduct of human engineering studies.

College

College of Engineering and Computer Science

Department

Department of Industrial Engineering and Management Systems

EIN4333 - Production and Distribution Systems**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ESI 4312 with a grade of "C" (2.0) or better.

Course Description

Decision policies in manufacturing and logistics systems including forecasting, production planning, operations scheduling, deterministic and stochastic inventory control and project scheduling.

College

College of Engineering and Computer Science

Department

Department of Industrial Engineering and Management Systems

EIN4360 - Facilities Planning and Work Design**Credits Hours**

4

Lab/Studio/Field Work Hours

0

Prerequisites

- STA 3032 with a grade of "C" (2.0) or better.

Course Description

Introduces fundamental concepts in facility planning, material handling systems and work analysis/design including work space/flow analysis, layout, warehousing operations and work measurement.

College

College of Engineering and Computer Science

Department

Department of Industrial Engineering and Management Systems

EIN4364 - Facilities Planning**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EIN 3314 with a grade of "C" (2.0) or better;

Prerequisites/Corequisites

- EIN 3351.

Course Description

Planning and design of production systems including interrelationships between process layouts, material handling, warehousing and site selection.

College

College of Engineering and Computer Science

Department

Department of Industrial Engineering and Management Systems

EIN4391 - Manufacturing Engineering**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in any of the following course options CHM 2045C or CHS 1440 or (CHM 2040 and CHM 2041); and Junior Standing.

Course Description

Introduction to manufacturing engineering, with emphasis on current and emerging technologies in metalworking and electronics.

College

College of Engineering and Computer Science

Department

Department of Industrial Engineering and Management Systems

EIN4517 - Systems Engineering**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- STA 3032 with a grade of "C" (2.0) or better.

Course Description

Fundamental principles of systems engineering and their application to the development of industrial complex engineered systems.

College

College of Engineering and Computer Science

Department

Department of Industrial Engineering and Management Systems

EIN4545 - Industrial Engineering Applications in The Service Industries**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ESI 4312 with a grade of "C" (2.0) or better.

Course Description

Application of industrial engineering principles to improve the quality and productivity of service industries such as restaurants, banks, hotels, health care, etc.

College

College of Engineering and Computer Science

Department

Department of Industrial Engineering and Management Systems

EIN4891C - Industrial Engineering Senior Design Project

Credits Hours

4

Lab/Studio/Field Work Hours

4

Prerequisites

- ESI 4523 and EIN 4360 (Facilities Planning and Work Design) both with grades of "C" (2.0) or better and department consent.

Course Description

Capstone design course; application of IEMS techniques to real-world design applications.

College

College of Engineering and Computer Science

Department

Department of Industrial Engineering and Management Systems

EMA - Engineering: Materials

EMA3000 - Engineering Polymeric Materials

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grades of "C" (2.0) or better in EMA 3102 and CHM 2210

Course Description

Formation, chemistry, and structure in solution and melt. Characteristic and functional properties of industrial and specialty polymers. Polymer processing techniques. Polymer matrix composites.

College

College of Engineering and Computer Science

Department

Department of Materials Science and Engineering

EMA3012C - Experimental Techniques in Materials I**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- EGN 3365 - Structure and Properties of Materials Grade of "C" or better in (EGN 3365 or EMA 3706)

Course Description

Theory and practice of material characterization techniques for assessment of mechanical properties and microstructure including hardness, tensile testing, impact testing, optical microscopy, scanning electron microscopy.

Current Fee Per Student

\$45.00

College

College of Engineering and Computer Science

Department

Department of Materials Science and Engineering

EMA3102 - Thermodynamics of Materials**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grades of "C" (2.0) or better in (EGN 3365 or EMA 3706), MAC 2313, and PHY 2049C

Prerequisites/Corequisites

- MAP 2302

Course Description

First, second and third laws of thermodynamics, gas behavior, Helmholtz and Gibbs free energies, phase equilibrium and diagrams, solutions, reactions, and electrochemistry

College

College of Engineering and Computer Science

Department

Department of Materials Science and Engineering

EMA3124 - Design and Selection of Materials**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in EGN 3365 or EMA 3706

Course Description

Relationship between processing, structure and properties of various engineering materials and their selection in engineering design.

College

College of Engineering and Computer Science

Department

Department of Materials Science and Engineering

EMA3691 - Nanomaterials Process Engineering**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CHS 1440 or CHM 2045C, and PHY 2048 or PHY 2053C and EGN 3365.

Course Description

Nanomaterials, processing, nanomachining, nanocompositions, nanocomposites and computations of devices.

College

College of Engineering and Computer Science

Department

Department of Materials Science and Engineering

EMA3706 - Structure and Properties of Aerospace Materials**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- (CHS 1440 or CHM 2045C) and MAC 2312 with grades of "C" (2.0) or better in both.

Course Description

Atomic structure, bonding, crystal structures, solidification, phase transformations, heat treatment, mechanical behavior, specific aerospace materials, materials design

College

College of Engineering and Computer Science

Department

Department of Materials Science and Engineering

EMA4009 - Materials in Society**Credits Hours**

2

Prerequisites

- Grades of "C" (2.0) or better in EGN 3365, EMA 3000, and EMA 4513

Course Description

Structure, properties and processing of materials throughout human history, and how they influence the development of society, including emerging materials for the future

College

College of Engineering and Computer Science

Department

Department of Materials Science and Engineering

EMA4013C - Experimental Techniques in Materials II**Credits Hours**

3

Prerequisites

- Grades of "C" (2.0) or better in EMA 3012C and EMA 4223

Course Description

Theory and practice of common materials characterization techniques for assessment of physical/functional properties and characteristics of materials including X-ray diffraction, electrical, optical, magnetic properties, biocompatibility, spectroscopy, rheology, differential scanning calorimetry, thermal gravimetric analysis and dynamic mechanical analysis.

College

College of Engineering and Computer Science

Department

Department of Materials Science and Engineering

EMA4115 - Transport Phenomena in Materials**Credits Hours**

3

Prerequisites

- Grade of "C" (2.0) or better in EMA 4317

Course Description

Momentum transport, laminar and turbulent flow. Energy transport, conduction, convection and radiation. Mass transport in solid and fluids.

College

College of Engineering and Computer Science

Department

Department of Materials Science and Engineering

EMA4125 - Phase Transformations and Microstructural Development in Materials**Credits Hours**

3

Prerequisites

- Grades of "C" (2.0) or better in EGN 3365, EMA 3000, and EMA 4513

Course Description

Structure, properties and processing of materials throughout human history, and how they influence the development of society, including emerging materials for the future

College

College of Engineering and Computer Science

Department

Department of Materials Science and Engineering

EMA4223 - Fundamentals of Mechanical Behavior of Materials**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in EGN 3365 or EMA 3706

Course Description

Elementary treatment of elasticity, plasticity, viscoelasticity, creep, fracture, and fatigue.

College

College of Engineering and Computer Science

Department

Department of Materials Science and Engineering

EMA4307 - Kinetics of Materials**Credits Hours**

3

Prerequisites

- Grade of "C" (2.0) or better in EMA 3102

Course Description

Reaction and transport/diffusion. Kinetics of gas-solid, liquid-solid and solid-solid interactions. Transformation kinetics and microstructural changes.

College

College of Engineering and Computer Science

Department

Department of Materials Science and Engineering

EMA4413 - Fundamentals of Electronic Materials**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EGN 3365 - Structure and Properties of Materials Grades of "C" (2.0) or better in (EGN 3365 or EMA 3706) and EGN 3373

Course Description

Electronic processes in solids. Electrical, magnetic, and optical properties of solids. Electron energies in solids. Superconducting materials.

College

College of Engineering and Computer Science

Department

Department of Materials Science and Engineering

EMA4501C - Scanning Electron Microscopy**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- EGN 3365 or EMA 3706.

Course Description

A review of electron optics, beam/specimen interactions, image formation, x-ray analysis, specimen preparation, microelectronic applications, and crystallography in the SEM.

College

College of Engineering and Computer Science

Department

Department of Materials Science and Engineering

EMA4503 - Materials Characterization Techniques**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EMA 3012C, and EGN 3365 or EMA 3706.

Course Description

Theory and practice of commonly used techniques for characterization of crystal structure, microstructure and chemistry

College

College of Engineering and Computer Science

Department

Department of Materials Science and Engineering

EMA4506 - Emerging Materials**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EGN 3365, or EMA 3706.

Course Description

Structure, properties and processing of modern emerging materials

College

College of Engineering and Computer Science

Department

Department of Materials Science and Engineering

EMA4513 - Structures of Materials**Credits Hours**

3

Prerequisites

- Grade of "C" (2.0) or better in (EGN 3365 or EMA 3706)

Course Description

Lattice, reciprocal space, symmetry, point groups, plane groups, space groups, X-ray and other diffraction techniques. Structures of metals, ceramics, polymer and biomolecular materials

College

College of Engineering and Computer Science

Department

Department of Materials Science and Engineering

EMA4602C - Materials Processing Laboratory**Credits Hours**

3

Prerequisites

- EMA 3012C and EMA 3124

Course Description

Theory and practice of common processing techniques for metals, ceramics, polymers including casting, heat treatment, sintering, and extrusion. Process-properties relations

College

College of Engineering and Computer Science

Department

Department of Materials Science and Engineering

EMA4915 - Materials Senior Design I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Departmental consent and grades of "C" (2.0) or better in EMA 4115, EMA 4013C, and EMA 4125

Course Description

Foundation of capstone engineering design course covering product or process design and development.

College

College of Engineering and Computer Science

Department

Department of Materials Science and Engineering

EMA4916 - Materials Senior Design II**Credits Hours**

3

Prerequisites

- Departmental consent and grade of "C" (2.0) or better in EMA 4915

Course Description

Capstone engineering design course. Students work in teams on projects evaluating a society or industry-based materials problem and then implement and evaluate a design aimed at addressing this problem.

College

College of Engineering and Computer Science

Department

Department of Materials Science and Engineering

EME - Education: Technology Media**EME2040 - Introduction to Technology for Educators****Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Introduction to technology for educators, including classroom management tools, multimedia, communication networks, interactivity, educational software and legal, ethical and social issues.

College

College of Community Innovation and Education

Department

Learning Sciences & Educational Research

EME2041 - Introduction to Applications of Technology in Education**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Classroom applications of instructional media including computers.

College

College of Community Innovation and Education

Department

Learning Sciences & Educational Research

EML - Engineering: Mechanical

EML3001C - Machine Shop Practice

Credits Hours

1

Lab/Studio/Field Work Hours

2

Prerequisites

- EGM 3601, EGN 3365 or EMA 3706.

Course Description

Set up and operation of mill and lathe, cutting tools, holding devices, cutting speeds and feed rates. Measurement devices. Hands-on experience.

Current Fee Per Student

\$29.00

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EML3022C - Introduction to Computer Aided Engineering

Credits Hours

3

Lab/Studio/Field Work Hours

3

Prerequisites

- Grade of "C" (2.0) or Better in EGN 3310

Course Description

Introductory understanding and hands-on experience on computer aided engineering including computer aided design, analysis and manufacturing.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EML3034C - Modeling Methods in Mechanical and Aerospace Engineering**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- Grade of "C" (2.0) or better in all of the following courses: MAC 2311, MAC 2312, MAC 2313, MAP 2302, PHY 2048C, and COP 3223C

Prerequisites/Corequisites

- EGN 3321 and (EAS 3933 or EML 3933)

Course Description

Computer aided modeling of mechanical and aerospace systems. Solution methods. Curve fitting. Numerical calculus and solution of differential equations with applications to mechanical and aerospace engineering.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EML3034K - Honors Modeling Methods in MAE**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- Grades of "C" (2.0) or better in MAC 2311C, MAC 2312, MAC 2313, MAP 2302, PHY 2048C , and COP 3223C. Consent of Honors.

Prerequisites/Corequisites

- EGN 3321 and (EAS 3933 or EML 3933)

Course Description

Computer aided modeling of mechanical and aerospace systems. Solution methods. Curve fitting. Numerical calculus and solution of differential equations applications to mechanical and aerospace engineering

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EML3101 - Thermodynamics of Mechanical Systems**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" (2.0) or better in all of the following: MAC 2311C, MAC 2312, MAC 2313, MAP 2302, PHY 2048 and EGN 3343.

Course Description

Applied thermodynamics, availability analysis, thermodynamics of reactive and nonreactive mixtures, thermodynamic relations of properties. Thermodynamic design analysis of complete mechanical systems.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EML3262 - Kinematics of Mechanisms**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" (2.0) or better in all of the following: MAC 2311C, MAC 2312, MAC 2313, MAP 2302, PHY 2048C and EGN 3321.

Course Description

Graphical, mathematical, and computer-aided kinematics, analysis, and synthesis of basic mechanisms.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EML3303C - Mechanical Engineering Measurements
Credits Hours

3

Lab/Studio/Field Work Hours

3

Prerequisites

- "C" (2.0) or better in EGN 3343.

Course Description

Theory, calibration and use of instruments. Measurement techniques, data analysis, report writing. Laboratory topics related to mechanical engineering.

Current Fee Per Student

\$15.00

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EML3500 - Design and Analysis of Machine Components

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" (2.0) or better in EGM 3601.

Course Description

Application of the principles of mechanics of materials to the design of mechanical components.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EML3701 - Fluid Mechanics I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" (2.0) or better in all of the following: MAC 2311C, MAC 2312, MAC 2313, MAP 2302, PHY 2048C , EGN 3321 and EGN 3343.

Course Description

Principles of continuum fluid mechanics. Integral and differential forms of governing equations, fluid statics, dimensional analysis, measurements, internal flows.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EML3701H - Honors Fluid Mechanics I**Credits Hours**

3

Prerequisites

- Grades of "C" (2.0) or better in (MAC 2313, MAP 2302, PHY 2048C, EGN 3321 and EGN 3343). Consent of Honors.

Course Description

Principles of continuum fluid mechanics. Integral and differential forms of governing equations, fluid statics, dimensional analysis, measurements, internal flows

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EML3811C - Mechatronics**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- A Grade of "C" (2.0) or Better in EGN 3373 or EEL 3004.

Course Description

Laboratory-based and project-oriented mechatronics system class covering fundamentals and hands-on experience in microcontrollers, analog and digital electronics, sensors, actuators, control logics, and mechanical system elements.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EML3933 - Mechanical Career and Academic Faculty Advising I**Credits Hours**

0

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in MAP 2302.

Course Description

Mandatory meeting with students and their faculty advisor for career/academic advising.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EML4024C - Engineering Design Practice**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- "C" (2.0), or better in EML 3022C.

Course Description

A project oriented computer aided engineering design practice including design, simulation, analysis, and manufacturing.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EML4142 - Heat Transfer**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" (2.0) or better in both EML 3701 and EML 3034C.

Course Description

Conduction, radiation, and convection heat transfer. Basic energy balances emphasized. Steady state and transient problems, analysis and design of simple heat exchangers.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EML4142H - Honors Heat Transfer I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grades of "C" (2.0) or better in (EML3701 and EML3034C). Consent of Honors.

Course Description

Conduction, radiation, and convection heat transfer. Basic energy balances emphasized. Steady state and transient problems, analysis and design of simple heat exchangers. Honors content.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EML4143 - Heat Transfer II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" (2.0) or better in EML 4142.

Course Description

Advanced topics in heat transfer, multi-dimensional conduction, transient conduction, convection heat transfer, participating medium, boiling and condensation.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EML4225 - Introduction to Vibrations and Controls**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" (2.0), or better in each of the following courses EGN 3321, EGM 3601, EML 3034C, and EGN 3373.

Course Description

Undamped and damped vibration analysis of mechanical systems with single and two degrees of freedom; forced vibration; concepts of feedback controls; classical proportional, derivative and integral (PID) feedback controls and root locus.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EML4225H - Honors Introduction to Vibrations & Controls**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grades of "C" (2.0), or better in (EGN 3321, EGM 3601, EML 3034C, and EGN 3373). Consent of Honors College .

Course Description

Undamped and damped vibration analysis of mechanical systems with single and two degrees of freedom; forced vibration; concepts of feedback controls; classical proportional, derivative and integral (PID) feedback controls and root locus.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EML4260 - Dynamics of Machinery**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" (2.0), or better in both EGN 3321 and EML 4225.

Course Description

Critical speeds and response of flexible rotor systems, whirl, gyroscopic effects; balancing of rotating and reciprocating masses; cam dynamics.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EML4264 - Vehicle Dynamics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" (2.0), or better in both EGN 3321 or EML 4225.

Course Description

Basic mechanics governing vehicle dynamics, performance and handling; acceleration, braking, ride, cornering, suspension, steering, rollover.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EML4301C - Mechanical Systems Laboratory**Credits Hours**

3

Lab/Studio/Field Work Hours

3

Prerequisites

- Grade of "C" (2.0) or better in EML 3303C, EGM 3601

Corequisites

- EML 4225.

Course Description

Teaching laboratory in solid mechanics, dynamic vibrations and control-feedback testing and theory; designing and conducting experiments; analyzing and interpreting data.

Current Fee Per Student

\$25.00

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EML4306C - Energy Systems Laboratory**Credits Hours**

3

Lab/Studio/Field Work Hours

3

Prerequisites

- Grade of "C" (2.0) or better in EML 3303C

Corequisites

- EML 4142

Course Description

Design of experiments in Thermo-Fluid Systems with emphasis on project team activity.

Current Fee Per Student

\$31.00

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EML4313 - Intermediate System Dynamics and Controls**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" (2.0) or better in all of the following MAP 2302, EGN 3321, EGN 3373 and EML 4225.

Course Description

Free and forced vibration analysis of mechanical systems with multi degrees of freedom; normal modes and modal analysis; systems concepts, stability criteria, role of uncertainty in feedback and frequency domain control design.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EML4327 - Digital Manufacturing**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: "C" (2.0) or better in EGM 3601.

Course Description

This course covers additive manufacturing, subtractive manufacturing, computer-aided process planning and manufacturing, computer numeric control systems, manufacturing process monitoring, diagnostics, and prognostics.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EML4411 - Modern Power Generation Systems**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or Better in EGN 3343

Course Description

Analysis and design of modern power generation plants and components, with emphasis on gas and steam plants utilizing natural gas, solar, nuclear, and renewable energy sources.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EML4454 - Turbines for Sustainable Power**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" (2.0), or better in all of the following EGM 3601, EGN 3365 or EMA 3706, EML 3701.

Corequisites

- EML 4142.

Course Description

Multidisciplinary aspects of turbine design for sustainable power generation including aerodynamics to combustion and emissions to reliability; covers multiple applications of conventional and green technologies.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EML4501C - Engineering Design I**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- "C" (2.0) or better in each EGN 3373, EML 3303C, EML 3701, EML 4142, EML 4225 and department consent.

Corequisites

- EML 4931.

Course Description

Application of the design process in the team solution of a state-of-the-art problem. Aerospace, mechanical, thermo-fluid, or material problems are considered.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EML4502C - Engineering Design II**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- EML 4931 and a "C" (2.0) or better in EML 4501C.

Course Description

Continuation of the design process in the team building and testing of a prototype. A test plan and a test report are completed.

Current Fee Per Student

\$60.00

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EML4504 - Design & Analysis of Machine Components II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" (2.0) or better in EML 3500.

Course Description

Application of the principles of component analysis to the design of mechanisms.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EML4600 - HVAC Systems Engineering
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" (2.0), or better in EGN 3343.

Course Description

Heating, ventilation, air-conditioning, and refrigeration principles and systems design. Psychrometrics, heating and cooling loads, equipment and components, and distribution systems.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EML4602 - Applied HVAC Engineering**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" (2.0), or better in EGN 3343.

Corequisites

- EML 4142.

Course Description

Applications of HVAC systems design with the objective of optimizing energy efficiency, humidity control, ventilation, and indoor air quality. Dehumidification performance of the various HVAC system types and their interactions with the building.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EML4703 - Fluid Mechanics II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" (2.0) or better in EML 3701.

Course Description

Continuation of Fluid Mechanics I. External flows, fluid machinery, compressible flows, design projects.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EML4804C - Digital Control in Mechatronics**Credits Hours**

3

Lab/Studio/Field Work Hours

3

Prerequisites

- "C" (2.0) or better in all of the following EML 3303C, EML 4225 and EML 4313.

Course Description

Discrete microprocessor control of mechatronics dynamic systems using state-space representation, digital controllers, design for mechatronic applications.

Current Fee Per Student

\$15.00

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EML4841H - Locomotion and Design in Natural Systems**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: "C" (2.0 or better in both EGM 3601 and EML 3701; and Permission of Honors College.

Course Description

Locomotion, morphology, and corresponding limitations in natural systems. This course will expose students to topics which explore natural design as it relates to engineering.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

EML4931 - Mechanical Career and Academic Faculty Advising II
Credits Hours

0

Lab/Studio/Field Work Hours

0

Prerequisites

- EML 3933 and department consent.

Course Description

Mandatory meeting with students and their faculty advisor for career/academic advising.

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

ENC - English

ENC1101 - Composition I
Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

Expository writing with emphasis on effective communication and critical thinking. Emphasizing the writing process writing topics are based on selected readings and on student experiences. The "NC" grading policy applies to this course.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC1101H - Honors Freshman Composition I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Score of 60+ on TSWE of SAT or C.I. and permission of Honors.

Course Description

Expository writing with emphasis on effective communication and critical thinking. Emphasizing the writing process writing topics are based on selected readings and on student experiences. The "NC" grading policy applies to this course. Honors-level content.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC1102 - Composition II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1101 with a grade of "C-" or better.

Course Description

Focus on extensive research in analytical and argumentative writing based on a variety of readings from the humanities. Emphasis on developing critical thinking and diversity of perspective. The "NC" grading policy applies to this course.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC1102H - Honors Freshman Composition II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Complete all of the following
 - Earn a minimum grade of C- in each of the following:
 - ENC1101H - Honors Freshman Composition I (3)
 - Or C.I.
 - Consent of Honors

Course Description

Same as ENC 1102, with honors-level content. Note on Freshman English Program: ENC 1101 and ENC 1102 must be taken before enrolling in any English course numbered above ENC 1102. The "NC" grading policy applies to this course.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC1130 - Improving College-Level Writing**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Entry-level writing course designed to prepare students to read and write effectively at the college level.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC2127 - Grammar and Composition**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

A systematic study of grammar and mechanics to improve editing for clarity and accuracy in writing.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC3241 - Writing for the Technical Professional**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in ENC 1102 or C.I.

Course Description

Writing effective correspondence, instructions, proposals, and informal and formal reports.

College

College of Arts and Humanities

Department

Department of English

ENC3241H - Honors Writing for the Technical Professional
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENC 1102H or equivalent credit, and Consent of Honors.

Course Description

Instruction and practice in expository prose used in technical writing, layout and design of data, and translation of technical documents for the lay audience. With Honors content.

College

College of Arts and Humanities

Department

Department of English

ENC3250 - Professional Writing
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102.

Course Description

Study of and practice with professional writing as a rhetorical act involving problem solving and audience accommodation; includes research and text production practices as well as business genres and conventions.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC3250H - Honors Professional Writing
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Consent of Honors.

Course Description

Study of and practice with professional writing as a rhetorical act involving problem solving and audience accommodation; includes research and text production practices as well as business genres and conventions. With Honors content.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC3258H - Honors Video Game Theory & Design
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102H or Consent of Honors.

Course Description

Theoretical and applied concepts in video game design and the literary impact of video games on our culture. With Honors content.

College

College of Arts and Humanities

Department

Department of English

ENC3310 - Magazine Writing I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENC 1102.

Course Description

Intensive practice in description narration, exposition and argumentation; control of tone, mood, viewpoint, and level of diction. Applicable to article, essay, and short story writing.

College

College of Arts and Humanities

Department

Department of English

ENC3311 - Essay as Cultural Commentary**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENC 1102 or C.I.

Course Description

Rhetorical and historical study, analysis, and writing of essay as reflective exploration and cultural commentary.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC3314 - Writing and Rhetoric Foundations**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in ENC 1102 or equivalent or C.I.

Course Description

Study and practice of research, writing, and rhetorical skills that enable successful (inter)disciplinary writing in and across the university.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC3315 - Argumentative Writing**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102.

Course Description

Students will analyze current issues, assess others' arguments, and construct various types of arguments, including visual and multimedia.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC3330 - Rhetorical Traditions
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102.

Course Description

Examines the roots of rhetoric and the evolution of its theoretical, pedagogical and civic tradition.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC3331 - Rhetoric and Civic Engagement
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102.

Course Description

Examines rhetorical theory in order to analyze and participate in contemporary public debates and civic engagement efforts.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC3351 - Writing for Publication
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102.

Course Description

Examines freelance markets, article genre, and the rhetorical skills needed to design and produce articles for specific audiences and publications.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC3351H - Honors Writing for Publication
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102, and consent of Honors.

Course Description

Examines freelance markets, article genres, and rhetorical skills needed to design and produce articles for specific audiences and publications, and editorial roles for publications. With Honors content.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC3372 - Topics in Civic Rhetoric and Writing**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102.

Course Description

In-depth study and application of a specific issue related to civic rhetoric and writing.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC3373 - Cultural Rhetorics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102.

Course Description

Study of the diverse cultural production of and the cultural forces impacting the rhetoric of individuals and communities.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC3375 - Rhetoric in Popular Culture**Credits Hours**

3

Prerequisites

- Grade of "C" (2.0) or better in ENC 1102 or equivalent

Course Description

Exploration of rhetorical theories and strategies in a specific popular culture discourse or medium such as sports, comics, and food. Repeatable once with different content.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC3417 - Literacy and Technology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102.

Course Description

Study of technology's impact on writing and literacy, focus on new media.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC3433 - Multimedia Writing and Composition**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" (2.0) or better in ENC 1102 or C.I.

Course Description

Study and practice of multimedia writing (involving sound, visual, and linguistic forms) with an emphasis on the process of text production and remixing for different rhetorical contexts and audiences.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC3453 - Writing About Health and Medicine**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102 or C.I.

Course Description

Writing practices and genres of the health professions, with emphasis on writing about health and medicine for lay audiences.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC3455 - Writing about Science and Technology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in ENC 1102 or C.I.

Course Description

Writing about scientific and technological research and developments for non-scientific audiences (including novices and policymakers).

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC3455H - Honors Writing About Science and Technology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Consent of Honors.

Course Description

Writing about scientific and technological research and issues for nonscientific audiences, including laypeople and policymakers. With Honors content.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC3456H - Honors Writing about Health and Medicine
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Consent of Honors.

Course Description

Writing practices and genres of the health professions, with emphasis on writing about health and medicine for lay audiences. With Honors content.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC3473 - Writing in Disciplinary Cultures
Credits Hours

0 - 99

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102.

Course Description

Project-based study of writing (including genres, conventions, and arguments) in disciplines across the university.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC3502 - Research Methods in Writing and Literacy Studies**Credits Hours**

3

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102.

Course Description

Overview of important research methodologies and lines of inquiry in writing and literacy studies, with emphasis on developing an original research project proposal.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC3503 - Topics in Writing & Literacy Studies**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102.

Course Description

An in-depth study of and practice with a specific issue related to language theory and/or the teaching of writing.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC3521 - Writing Across Difference
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102.

Course Description

Examines cultural influences on language and literacy practices, with emphasis on applications for writing teachers.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC3905 - Directed experience in Writing
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENC 1102 and C.I.

Course Description

Individualized topics of study and/or research in writing with personalized faculty direction.

College

College of Arts and Humanities

Department

Department of English

ENC4212 - Professional Editing**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102.

Course Description

Students will perform different types and levels of editing on a range of print and online texts from business and non-profit contexts.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC4215 - Document Design and Publication**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENC 3241 or C.I.

Course Description

Theory and practice of technical document design, including style, format, and layout. Create documents with relevant publication technologies. Practice in publication project management.

College

College of Arts and Humanities

Department

Department of English

ENC4218 - Visual Technical Communication**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENC 4293.

Course Description

Communication and design theories for visual displays of technical information. Analyze and create informational graphics.

College

College of Arts and Humanities

Department

Department of English

ENC4219 - Technical Communication and Plain Language**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in ENC 3241 or C.I.

Course Description

A study of the origins and elements of plain language and the strategies for applying it to technical communication.

College

College of Arts and Humanities

Department

Department of English

ENC4262 - International Technical Communication**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENC 3241 or C.I.

Course Description

International issues in the field of technical communication including internationalizing documents, user interface design, international collaboration, and rhetorical and logistical challenges.

College

College of Arts and Humanities

Department

Department of English

ENC4265 - Writing for the Computer Industry**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better in ENC 1102 or C.I.

Course Description

Creating different kinds of software manuals or online help systems for the computer industry.

College

College of Arts and Humanities

Department

Department of English

ENC4275 - Theory and Practice of Tutoring Writing
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in ENC 1102 and C.I.

Course Description

Theory and practice of assessing and responding to writing from the standpoint of a collaborator, as opposed to evaluator.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC4280 - Technical Writing Style
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENC 3241 or C.I.

Course Description

Strategies for understanding and improving writing styles, particularly for a variety of technical writing genres.

College

College of Arts and Humanities

Department

Department of English

ENC4290 - Usability Testing for Technical Communication
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 3241 or C.I.

Course Description

Usability theory and techniques for evaluating manuals, online documentation, and other technical communication genres.

College

College of Arts and Humanities

Department

Department of English

ENC4293 - Documentation and Project Management
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENC 3241.

Course Description

Development of a book-length project from idea to final published product. Examples may include style manuals, policies and procedures, and training manuals.

College

College of Arts and Humanities

Department

Department of English

ENC4294 - Client-Based Project Management
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENC 4293.

Course Description

Team-based planning, design, and development of technical communication documents for clients, including industry or non-profit organizations.

College

College of Arts and Humanities

Department

Department of English

ENC4298 - Technical Communication for the Virtual Workplace
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better in ENC 1102 or C.I.

Course Description

Collaborative technologies used in the modern workplace and the challenges associated with virtual collaboration. Students will participate in a virtual team project.

College

College of Arts and Humanities

Department

Department of English

ENC4312 - Theory & Practice Persuasive Writing
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENC 1102.

Course Description

A study of the theory and practice of persuasion, including logical emotional and ethical appeals.

College

College of Arts and Humanities

Department

Department of English

ENC4313 - Research Writing
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better in ENC 1102.

Course Description

Study of and practice in writing research-based genres in various disciplines; may include correspondence, proposals, presentations, and informal/formal research reports.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC4353 - Writing for Social Change**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in ENC 1102 or C.I.

Course Description

Study of how activist writing and other symbolic action can be used to mobilize social or policy change around contemporary controversial issues.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC4354 - Writing with Communities and Nonprofits**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102.

Course Description

Study and practice of methods for writing in partnership with nonprofits and the communities they serve, with an emphasis on audience analysis and community engagement.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC4354H - Honors Writing with Communities and Nonprofits
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102, and consent of Honors.

Course Description

Study and practice of methods for writing in partnership with nonprofits and the communities they serve, with an emphasis on audience analysis and community engagement. With Honors content.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC4360 - Nature Writing
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- English major or minor and grade of "C" (2.0) or better required in CRW 3013 and CRW 3053, or C.I.

Course Description

Students will write essays that explore different approaches to writing about the natural world, and will discuss issues raised by such writing.

College

College of Arts and Humanities

Department

Department of English

ENC4374 - Gendered Rhetorics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102.

Course Description

Historical and theoretical study of gendered rhetorical practices, with emphasis on women rhetors.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC4378 - Writing in Global and Transnational Contexts**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" (2.0) or better in ENC 1102 or C.I.

Course Description

Examination of the ways language and rhetoric travel across cultures and countries, with practice strategies for transnational communication with local and global audiences.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC4379 - Writing and Rhetoric Capstone
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Senior standing; ENC 3331, ENC 3505, and ENG 3836;

Prerequisites/Corequisites

- ENC 4944, ENC 3473, or ENC 4275.

Course Description

Culminating required course for students majoring in Writing and Rhetoric. Students reflect on disciplinary identity, possible career trajectories, and transferrable strategies for writing in their lives.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC4414 - Writing and Hypertext
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENC 3241 or C.I.

Course Description

Writing and HTML/CSS coding for online environments, hypertext architectures, and electronic literacy theory to develop a more critical and applied understanding of hypertext.

College

College of Arts and Humanities

Department

Department of English

ENC4415 - Digital Rhetorics and The Modern Dialectic
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102.

Course Description

Explores the development of digital rhetorics appearing in online environments through close reading and analysis of formative rhetorical texts, fiction, and internet materials.

College

College of Arts and Humanities

Department

Department of English

ENC4416 - Writing in Digital Environments
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102.

Course Description

Study and practice of new media/Internet writing and publishing, covering a range of online and multimedia genres.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC4416H - Honors Writing in Digital Environments**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Consent of Honors.

Course Description

Critical and rhetorical engagement with digital writing and networked systems, including a range of online media and genres. With Honors content.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC4434 - Visual and Material Rhetorics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" (2.0) or better in ENC 1102 or C.I.

Course Description

Study of visual and material textual elements within different historical and contemporary rhetorical practices and performances. Students will use a variety of compositional materials to produce texts.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC4504 - Contemporary Composition Theory**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102.

Course Description

Considers major theoretical paradigms and more emergent theoretical explorations in modern and contemporary composition studies.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC4523 - Writing and Identity**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102.

Course Description

Explores the role of identity in writing, particularly negotiating gender, race, class, sexual identity and other difference issues.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC4943 - Practicum in Editing & Publishing
Credits Hours

3

Lab/Studio/Field Work Hours

5

Prerequisites

- PR: "C" (2.0) or better in ENC 1102

Course Description

Experiential-learning course. Students work as writers, marketers, web programmers, and editors for an existing publication housed in the Department of Writing and Rhetoric.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC4944 - Writing Internship
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing and ENC 3331 and ENG 3836 and declared Writing and Rhetoric Major.

Course Description

Training and practice in professional and/or civic writing through approved internship with business or organization; involves reporting and reflecting on experience

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENC4950 - Writing ePortfolio
Credits Hours

0

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" or better in ENC 1102.

Course Description

Student must have completed at least 33 hours toward the B.A. in Writing & Rhetoric, 9 hours toward the Minor in Writing & Rhetoric, or at least 6 hours toward the Certificate in Public and Professional Writing. In their graduation term, Writing & Rhetoric majors, minors, or Public & Professional Writing Certificate students revise and submit their writing e-portfolio for departmental approval.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENG - English: General

ENG3010 - Practical Criticism
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENC 1102.

Course Description

Student evaluation of selected fiction, poetry, and drama through practical exercises in literary criticism.

College

College of Arts and Humanities

Department

Department of English

ENG3014 - Theories and Techniques of Literature Study
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102 or C.I.

Course Description

Techniques of analysis, theories of interpretation, and application of critical approaches to selected works.

College

College of Arts and Humanities

Department

Department of English

ENG3073 - Cultural Studies Literature
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENC 1102.

Course Description

The theoretical and cultural developments over time that call for broadening the applications of literary analysis to produce "cultural studies."

College

College of Arts and Humanities

Department

Department of English

ENG3612 - Trends in Literary, Cultural, and Textual Studies
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in ENC 1102.

Course Description

Literary analysis of textual production within contemporary social trends and new technologies.

College

College of Arts and Humanities

Department

Department of English

ENG3817 - Digital Archives

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in ENC 1102 or C.I.

Course Description

Examines "debates" in the digital humanities and prepares students to work with the creation, management, and preservation of digital archives content.

College

College of Arts and Humanities

Department

Department of English

ENG3821 - What's Next For English Majors**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENC 1102 and English major or minor, or C.I.

Course Description

Professional development strategies and career options for English majors after graduation.

College

College of Arts and Humanities

Department

Department of English

ENG3833 - Marketing Your Writing**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" (2.0) or better in ENC 3351.

Course Description

Exploration of writing markets and publishing opportunities therein, the submission process, and author marketing and negotiation strategies.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENG3836 - Professional Lives and Literacy Practices**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" (2.0) or better in ENC 1102.

Course Description

Study of technologyassisted professional writing and literacy practices around knowledge management work in organizations and communities.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

ENG4114 - Literature and Film**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENG 3014.

Course Description

The differences in emphasis, medium, and technique in selected novels and their film adaptations.

College

College of Arts and Humanities

Department

Department of English

ENG4614 - Discourse of Global Cultural Studies**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENG 3014, or C.I.

Course Description

American popular culture texts in world context, using concepts and theories from global cultural studies to analyze transmission, translation, and appropriation.

College

College of Arts and Humanities

Department

Department of English

ENG4832 - Scholarly Editing & Publishing**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: Grade of C (2.0) or better required in ENC 1102 or C.I.

Course Description

Job-related skills in scholarly editing; submission, review, and production practices; and ethical and technological issues in editing.

College

College of Arts and Humanities

Department

Department of English

ENL - English Literature

ENL2012 - English Literature I
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENC 1102.

Course Description

Beowulf to 1798.

College

College of Arts and Humanities

Department

Department of English

ENL2022 - English Literature II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENC 1102.

Course Description

From 1798 to 1914.

College

College of Arts and Humanities

Department

Department of English

ENL3220 - English Renaissance Poetry and Prose
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102 or C.I.

Course Description

Selected authors and major themes in English Renaissance poetry and prose.

College

College of Arts and Humanities

Department

Department of English

ENL3222 - Renaissance Women in Literature
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in ENC 1102 or C.I.

Course Description

Literature by and about women in the Renaissance.

College

College of Arts and Humanities

Department

Department of English

ENL3231 - Restoration Literature**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" or better in ENC 1102.

Course Description

This course surveys the poetry, drama, and prose written during the Restoration era (1660-1700) and the social, historical, and political contexts.

College

College of Arts and Humanities

Department

Department of English

ENL3296 - Gothic Literature**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" or better required in ENC 1102.

Course Description

A study of Gothic literature (prose, poetry, drama) in the British Isles and its cultural contexts.

College

College of Arts and Humanities

Department

Department of English

ENL3296H - Honors Gothic Literature
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 and Consent of Honors.

Course Description

A study of Gothic literature (prose, poetry, drama) in the British Isles and its cultural contexts. With Honors content.

College

College of Arts and Humanities

Department

Department of English

ENL3378 - Harry Potter Studies
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in ENC 1102 or C.I.

Course Description

Examines J. K. Rowling's Harry Potter series of books and other adaptations.

College

College of Arts and Humanities

Department

Department of English

ENL3378H - Honors Harry Potter Studies
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102H or equivalent and consent of Honors.

Course Description

Examines J. K. Rowling's Harry Potter series of books and other adaptations. With Honors content.

College

College of Arts and Humanities

Department

Department of English

ENL3451 - Topics in British Literature
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENC 1102 or C.I.

Course Description

Linguistic, literary, and cultural elements of British writing through various time periods and genres.

College

College of Arts and Humanities

Department

Department of English

ENL3654 - Black British Literature
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" or better required in ENC 1102.

Course Description

Study of literature written inside the UK by authors of African, South Asian, and Caribbean lineage.

College

College of Arts and Humanities

Department

Department of English

ENL4101 - English Novel

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENG 3014.

Course Description

Analysis of major English novelists.

College

College of Arts and Humanities

Department

Department of English

ENL4230 - Eighteenth-Century Studies
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENG 3014.

Course Description

A study of English literature from 1660 to 1800 and its cultural contexts.

College

College of Arts and Humanities

Department

Department of English

ENL4240 - English Romantic Writers
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENG 3014.

Course Description

Study of English poets and essayists of the romantic period, such as Wordsworth, Coleridge, Hazlitt, Lamb, Byron, Shelley and Keats.

College

College of Arts and Humanities

Department

Department of English

ENL4253 - The Victorian Age
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENG 3014 or C.I.

Course Description

Key issues and authors of the Victorian age (1837-1901) covering, fiction, poetry, and nonfiction prose.

College

College of Arts and Humanities

Department

Department of English

ENL4262 - Nineteenth Century British Prose
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENG 3014.

Course Description

Essays and fiction of the nineteenth century.

College

College of Arts and Humanities

Department

Department of English

ENL4273 - Modern British Literature
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENG 3014.

Course Description

Major writers of modern British literature.

College

College of Arts and Humanities

Department

Department of English

ENL4303 - British Authors
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENG 3014, or C.I.

Course Description

Study of the works of a single British author.

College

College of Arts and Humanities

Department

Department of English

ENL4311 - Chaucer**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENG 3014.

Course Description

The Canterbury Tales, Troilus and Criseyde, and other works.

College

College of Arts and Humanities

Department

Department of English

ENL4333 - Shakespeare Studies**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENG 3014.

Course Description

Reading, analysis, and discussion of Shakespeare's plays.

College

College of Arts and Humanities

Department

Department of English

ENL4341 - Milton and His Age
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENG 3014.

Course Description

Paradise Lost, Paradise Regained, Samson Agonistes, shorter poems and selected prose.

College

College of Arts and Humanities

Department

Department of English

ENT - Entrepreneurship

ENT3613 - Creativity and Entrepreneurship
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore Standing.

Course Description

This course portrays entrepreneurship as a creative problem solving process emphasizing opportunity recognition, resourcefulness, and leadership that results in startup, social, government and corporate ventures.

College

College of Business Administration

Department

Department of Management

ENT4013 - New Venture Design**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing.

Course Description

Applied course which focuses on the creation, evaluation, development and launch readiness of a new business or social venture.

College

College of Business Administration

Department

Department of Management

ENT4014 - New Venture Implementation**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENT 3613.

Course Description

Develops procedure by which start-up businesses can implement a well-researched business model by planning standard business functions necessary to launch the venture.

College

College of Business Administration

Department

Department of Management

ENT4183 - Technological Entrepreneurship**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior Standing.

Course Description

How technology and innovation processes affect social and organizational change, and the distinct challenges associated with launching, managing and growing technology-based business ventures.

College

College of Business Administration

Department

Department of Management

ENT4412 - Managing Small Business Finances**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the Integrated Business major.

Course Description

Emphasizes the relationships between the finance function and other company activities. Focuses on financial statements, cash flow, sources of financing, valuation, inventory and vendor management.

College

College of Business Administration

Department

Department of Integrated Business

ENT4503 - Social Entrepreneurship
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing.

Course Description

Emphasis on understanding how social entrepreneurs effect change in poor communities in the developing world.

College

College of Business Administration

Department

Department of Management

ENT4942 - Entrepreneurial Internship
Credits Hours

3

Lab/Studio/Field Work Hours

3

Prerequisites

- Junior standing, application approval, and consent of Management Department.

Course Description

Supervised, entrepreneurial-related work experience in a sponsoring organization. See Management Department for information. Application required.

College

College of Business Administration

Department

Department of Management

ENV - Engineering: Environmental

ENV3001 - Environmental Engineering**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- A grade of "C" (2.0) or better in MAC 2312 and in CHM 2045C or CHS 1440 or CHM 2041.

Course Description

Introduction to concepts and terminology of environmental engineering. Stresses material and energy balances. Covers air, water and land pollution.

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

ENV4120 - Air Pollution and Hazardous Waste Control**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EGN 3343, CWR 3201 and ENV 3001 all with a grade of "C" (2.0) or better.

Course Description

Air pollution and hazardous waste engineering. Air resources management, engineering design, and operation of air pollution control systems. Storage, collection, processing, and disposal of hazardous wastes.

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

ENV4122C - Air Pollution Control Design**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- ENV 4120 with grade of "C" (2.0) or better and department consent.

Course Description

Project course on design of air pollution control equipment and systems.

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

ENV4300C - Solid Waste Facility Design**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- ENV 4341 with grade of "C" (2.0) or better and department consent.

Course Description

Project course on design of a municipal solid waste landfill.

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

ENV4341 - Sustainable Resource Management**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENV 3001 with a grade of "C" (2.0) or better.

Course Description

Principles of industrial ecology, life cycle analysis, regulation of solid wastes, and sustainable engineering design. Solid waste management facilities, food-energy-water nexus, carbon and water footprints.

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

ENV4433C - Environmental Engineering Wastewater Design**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- EES 4111C, ENV 4531 both with grades of "C" (2.0) or better and department consent.

Course Description

Project course in advanced municipal and industrial wastewater treatment design with emphasis on teamwork to complete the design process.

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

ENV4531 - Environmental Engineering Unit Operations & Processes**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENV 3001, CWR 3201 both with a minimum grade of "C" (2.0) or better.

Course Description

Water and wastewater treatment design considerations with effluent and sludge handling, treatment, and disposal.

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

ENV4561 - Advanced Environmental Engineering Operations & Processes**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENV 4531 with a grade of "C" (2.0) or better.

Course Description

Advanced water and wastewater treatment including biological nutrient removal and desalination.

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

ENV4562C - Environmental Engineering Water Treatment Design**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- EES 4202C and ENV 4531 both with grades of "C" (2.0) or better and department consent.

Course Description

Application of systems design criteria in the specification and design of a full scale potable water treatment plant.

Current Fee Per Student

\$43.00

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

ENY - Entomology

ENY3571 - Honey Bee Biology and Beekeeping**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- PR: BSC 2010C, BSC 2011, C.I.

Course Description

Comprehensive overview of honey bee biology and practical introduction to the art and science of beekeeping

College

College of Sciences

Department

Department of Biology

ENY4004C - General Entomology**Credits Hours**

4

Lab/Studio/Field Work Hours

6

Prerequisites

- A "C" (2.0) or better in both BSC 2010C and BSC 2011C, or C.I.

Course Description

Biology of insects: identification, taxonomy, physiology, behavior, and ecology.

Current Fee Per Student

\$15.00

College

College of Sciences

Department

Department of Biology

ESE - Education: Secondary**ESE3940 - Internship I - Secondary****Credits Hours**

3 - 16

Lab/Studio/Field Work Hours

16-Mar

Prerequisites

- EDG 4410 and C.I.

Course Description

Student teaching in a secondary school under the supervision of a certified classroom teacher.

College

College of Community Innovation and Education

Department

School of Teacher Education

ESE4033C - Critical Issues and Trends in Secondary Education**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Internship I in specific discipline.

Corequisites

- ARE 4941, ESE 4943, FLE 4941, LAE 4941, MAE 4941, SCE 4941, or SSE 4941.

Course Description

Examination of critical and contemporary issues and trends in secondary education classrooms. Laboratory experiences will connect to the issues and trends specific to particular content areas.

College

College of Community Innovation and Education

Department

School of Teacher Education

ESE4942 - Internship II Seminar**Credits Hours**

1

Lab/Studio/Field Work Hours

0

Prerequisites

- Internship I in the specific discipline

Corequisites

- Internship II in the specific discipline.

Course Description

Culminating seminar emphasizing current classroom management and assessment issues, as they relate to teaching in the secondary grades.

College

College of Community Innovation and Education

Department

School of Teacher Education

ESE4943 - Internship II - Secondary
Credits Hours

7 - 12

Lab/Studio/Field Work Hours

35

Prerequisites

- ESE 3940 or EDE 3942.

Course Description

Student teaching in a secondary school under the direction of a certified classroom teacher. Scheduled concurrent seminars.

College

College of Community Innovation and Education

Department

School of Teacher Education

ESI - Engineering System-Industrial

ESI3933 - Industrial Engineering Career Faculty Advising
Credits Hours

0

Lab/Studio/Field Work Hours

0

Prerequisites

- The student's declared major is Industrial Engineering

Course Description

Mandatory meeting with students and the IE faculty for career advising

College

College of Engineering and Computer Science

Department

Department of Industrial Engineering and Management Systems

ESI4221 - Empirical Methods for Industrial Engineering
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- STA 3032 with a grade of "C" (2.0) or better.

Course Description

Application of empirical methods for industrial engineering problem solving.

College

College of Engineering and Computer Science

Department

Department of Industrial Engineering and Management Systems

ESI4234 - Quality Engineering
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- STA 3032 with a grade of "C" (2.0) or better.

Course Description

Basic concepts and techniques of quality control; applications of statistics in industrial research; design of quality assurance systems; reliability engineering.

College

College of Engineering and Computer Science

Department

Department of Industrial Engineering and Management Systems

ESI4313 - Stochastic Methods for Operations Research**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grades of "C" (2.0) or better in (STA 3032 and MAS 3105).

Course Description

Introduction to techniques of operations research involving probabilistic and stochastic models. Topics include stochastic processes (e.g., Poisson and Markovian processes, Queuing Theory, and Stochastic Programming).

College

College of Engineering and Computer Science

Department

Department of Industrial Engineering and Management Systems

ESI4523 - Systems Simulation**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- STA 3032 with a grade of "C" (2.0) or better.

Course Description

Methods and procedures for simulating large-scale systems with digital computers. High level simulation languages are used.

College

College of Engineering and Computer Science

Department

Department of Industrial Engineering and Management Systems

ESI4628 - Decision Support Systems for Industrial Engineers
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grades of "C" (2.0) or better in STA 3032 and COP 3223C.

Course Description

Building data-driven decision support systems with Python. Basic decision support methodology and industrial engineering analytics will be presented for analyzing and modeling real-world IE problems.

College

College of Engineering and Computer Science

Department

Department of Industrial Engineering and Management Systems

ETI - Engineering Technology: Industrial

ETI3116 - Applied Engineering Quality Assurance
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- STA 2014 or STA 2023.

Course Description

Fundamentals of industrial quality control. Technical specifications, measurements standards, inspection, and gaging. Process control techniques.

College

College of Engineering and Computer Science

Department

Engineering Technology Department

ETI3671 - Technical Economic Analysis**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAC 1105C or equivalent.

Course Description

Analysis of cost elements in technical operations. Basis for comparison of alternatives.

College

College of Engineering and Computer Science

Department

Engineering Technology Department

ETI4186 - Applied Reliability**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ETI 3116.

Course Description

Practical application of reliability concepts and analysis applicable to the design, production and logistics phases of systems and system components.

College

College of Engineering and Computer Science

Department

Engineering Technology Department

ETI4448 - Applied Project Management
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior Standing.

Course Description

Statement of work, activity decisions, timelines, scheduling, and resource allocation methods. Techniques will be appropriate for large and small projects within commercial, academic, or non-profit organizations.

College

College of Engineering and Computer Science

Department

Engineering Technology Department

ETI4640 - Operations Management for Technologists
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ETI 4635.

Course Description

Scheduling techniques (PERT), (CPM), are presented. Time Study Methods, Work Sampling and MTM are covered.

College

College of Engineering and Computer Science

Department

Engineering Technology Department

EUH - European History

EUH2000 - Western Civilization I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

A survey of western civilization from ancient to 1648.

College

College of Arts and Humanities

Department

Department of History

EUH2001 - Western Civilization II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

A survey of western civilization from 1648 to present. May be taken before EUH 2000.

College

College of Arts and Humanities

Department

Department of History

EUH3122 - Medieval Society and Civilization**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EUH 2000 and EUH 2001 or C.I.

College

College of Arts and Humanities

Department

Department of History

EUH3124 - The Crusades**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EUH 2000 and EUH 2001, or C.I.

Course Description

The phenomenon of crusading in medieval Europe and the Middle East, including theories of "just war" and jihad.

College

College of Arts and Humanities

Department

Department of History

EUH3130 - Medieval Knights & Age of Chivalry**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: Grade of C (2.0) or better required in ENC 1102 or equivalent, or C.I.

Course Description

Dynamics of aristocratic society in high medieval Europe, including: chivalry; castle-building; jousts; the Crusades and military orders; and other social and cultural themes.

College

College of Arts and Humanities

Department

Department of History

EUH3142 - Renaissance and Reformation**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EUH 2000 and EUH 2001 or C.I.

Course Description

Influence of Renaissance humanism on arts, letters, and politics; Luther and Protestantism; the Catholic Counter-Reformation and the Thirty Years' War.

College

College of Arts and Humanities

Department

Department of History

EUH3180 - Sorcerers, Saints and Heretics: Religion in the Medieval World**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EUH 2000 or C.I.

Course Description

Examines the mixture of superstition, paganism, heresies, Jewish and Muslim communities and the rising Catholic Church that formed religious life and shaped society and culture in Medieval Europe.

College

College of Arts and Humanities

Department

Department of History

EUH3180H - Honors Saints, Sorcerers, and Heretics: Religion in the Medieval World**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: Consent of Honors

Course Description

Examines the mixture of superstition, paganism, heresies, Jewish and Muslim communities and the rising Catholic Church that shaped religious life, society and culture in Medieval Europe. With honors content.

College

College of Arts and Humanities

Department

Department of History

EUH3235 - Romanticism and Realism**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EUH 2000 and EUH 2001 or C.I.

Course Description

Napoleon and nationalism; new ideas; conservatism; liberalism, romanticism, republicanism and socialism; urbanization, technology and mass culture, religious decline; Realpolitik, racism, imperialism, and militarism.

College

College of Arts and Humanities

Department

Department of History

EUH3242 - Modern Europe and the First World War
Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

A survey of the impact of the democratic institutions, education, transportation, housing, health, mass communications, entertainment, women, and warfare.

College

College of Arts and Humanities

Department

Department of History

EUH3281 - Second World War and Rebirth of Europe
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EUH 2000 and EUH 2001 or C.I.

Course Description

Origins of World War II; Hitler's "New Order," and resistance movements; Cold War; de-Stalinization of Russia; Sovietization of East Central Europe; Western reconstruction, and prosperity.

College

College of Arts and Humanities

Department

Department of History

EUH3310 - History of Medieval Spain 400-1100**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: EUH 2000 or C.I.

Course Description

Political, religious, and cultural history of the Iberian Peninsula from the fall of Rome to collapse of the Umayyad Caliphate and the start of the Crusades

College

College of Arts and Humanities

Department

Department of History

EUH3313 - History of Medieval Spain 1100-1500**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: Grade of C (2.0) or better required in ENC 1102 or equivalent, or C.I.

Course Description

The political, social, and economic development of Spain from frontier kingdom to global superpower.

College

College of Arts and Humanities

Department

Department of History

EUH3411 - History of the Roman Republic
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EUH 2000 or WOH 2012 or C.I.

Course Description

History of Roman civilization from 753 BC to 31 BC.

College

College of Arts and Humanities

Department

Department of History

EUH3431 - History of Modern Italy
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EUH 2001.

Course Description

The history of modern Italy from the origins of national unification through the post-World War II era.

College

College of Arts and Humanities

Department

Department of History

EUH3441 - Early Modern France**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EUH 2000 and EUH 2001.

Course Description

France beginning with Wars of Religion. Topics include Absolutism and Louis XIV, nation building, the Enlightenment, imperial expansion, and the French Revolution.

College

College of Arts and Humanities

Department

Department of History

EUH3451 - History of Modern France**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EUH 2001, EUH 3242 or C.I.

Course Description

France beginning with the Napoleonic era. Topics include nineteenth century social, political and consumer revolutions, the World Wars, the Cold War, imperialism and decolonization.

College

College of Arts and Humanities

Department

Department of History

EUH3531 - Medieval Ireland
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EUH 2000 and EUH 2001 or C.I.

Course Description

Ireland's historical and cultural development from 1129 to 1607.

College

College of Arts and Humanities

Department

Department of History

EUH3538 - Modern Ireland
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EUH 2001.

Course Description

Cultural, political and social developments in Ireland after 1800.

College

College of Arts and Humanities

Department

Department of History

EUH3651 - War and Society**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Evolution of weapons, tactics, strategy; role, social status, recruitment of soldiers; influence of military on governments; and international efforts to preserve peace.

College

College of Arts and Humanities

Department

Department of History

EUH4131 - European Warfare 1300-1650**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of 'C' (2.0) or better required in ENC 1102 or EUH 2000, or C.I.

Course Description

European conflicts from the Hundred Years' War to the Thirty Years' War. Focuses on major battles and campaigns, and on political, social, and religious context.

College

College of Arts and Humanities

Department

Department of History

EUH4283 - Cold War Homefronts**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EUH 2000 and EUH 2001, or C.I.

Course Description

The Cold War from the homefront perspective addressing both sides of the Iron Curtain.

College

College of Arts and Humanities

Department

Department of History

EUH4284 - Fascism and Nazism in the Interwar Europe**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EUH 2000 and EUH 2001.

Course Description

Fascist and Nazi movements in interwar Europe, mostly Italy and Germany. Origin, development, seizure of power, system of government, ideology, domestic and foreign policies, resistance to these movements.

College

College of Arts and Humanities

Department

Department of History

EUH4315 - History of Modern Spain 1500-present**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of 'C' (2.0) or higher required in ENC 1102 or EUH 2001, or C.I.

Course Description

The political, economic, and cultural development of Spain from the Spanish Golden Age to the present.

College

College of Arts and Humanities

Department

Department of History

EUH4400 - The History of Ancient Greece**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- WOH 2012 or C.I.

Course Description

The history and culture of the Mediterranean world and the ancient Near East from 750 BCE to 323 BCE.

College

College of Arts and Humanities

Department

Department of History

EUH4402 - The Age of Alexander the Great
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EUH 2000 or WOH 2012.

Course Description

Addresses the history of the Hellenistic period and the spread and impact of Greek culture on non-Greek societies.

College

College of Arts and Humanities

Department

Department of History

EUH4413 - History of the Roman Empire
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: EUH 2000 or WOH 2012 or C.I.

Course Description

The history of Roman civilization from 31 BC to AD 476

College

College of Arts and Humanities

Department

Department of History

EUH4426 - Sex and Gender in Antiquity
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EUH 2000 or WOH 2012.

Course Description

Examines the concepts of sex and gender in Greek and Roman societies and their impact on modern society.

College

College of Arts and Humanities

Department

Department of History

EUH4465 - Hitler's Third Reich
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EUH 2000 and EUH 2001 or C.I.

Course Description

German nationalism and militarism; World War I and Versailles Treaty; the Weimar Republic and the rise of the Nazis; Second World War, division and recovery.

College

College of Arts and Humanities

Department

Department of History

EUH4500 - English History to 1485**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EUH 2000 and EUH 2001 or C.I.

College

College of Arts and Humanities

Department

Department of History

EUH4501 - English History: 1485-1815**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EUH 2000 and EUH 2001 or C.I.

College

College of Arts and Humanities

Department

Department of History

EUH4502 - British History: 1815-Present**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EUH 2000 and EUH 2001 or C.I.

College

College of Arts and Humanities

Department

Department of History

EUH4504 - English Legal History I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EUH 2000 or C.I.

Course Description

Explores English law from the first Germanic law codes in the seventh century to the publication of Blackstone's Commentaries on the Laws of England.

College

College of Arts and Humanities

Department

Department of History

EUH4571 - History of Russia to 1801**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EUH 2000 and EUH 2001 or C.I.

Course Description

Kievan State; Mongol Yoke; Development of Muscovite Expansionism and Absolutism; Time of Troubles; Westernization of Russia under Peter I and Catherine; Role of Orthodox Church.

College

College of Arts and Humanities

Department

Department of History

EUH4574 - History of Russia: 1801-1917**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EUH 2000 and EUH 2001 or C.I.

Course Description

Alexander I; Napoleonic Invasion, Revolutionary Movement; Russian Policy toward Central Asia and China; Great Reforms; Russo-Japanese War; Revolution of 1905; Constitutional Period; Triple Entente.

College

College of Arts and Humanities

Department

Department of History

EUH4576 - History of Russia in the 20th Century**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EUH 2000 and EUH 2001 or C.I.

Course Description

War and Revolution, Lenin, Stalinist Period, WWII, The Cold War. Collapse of Soviet Union, the New Russia.

College

College of Arts and Humanities

Department

Department of History

EUH4610 - Women in European Society: From Medieval to Modern
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing or C.I.

Course Description

This course examines the changing situation of women in Europe from the Middle Ages to the twentieth century.

College

College of Arts and Humanities

Department

Department of History

EUH4610H - Honors Women in European Society
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- GEP Honors completion or permission of Honors.

Course Description

Interdisciplinary approach to the changing situation of women in Europe across space and over time with honors-level content.

College

College of Arts and Humanities

Department

Department of History

EUH4620 - European Great Powers: 1815-1914**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EUH 2000 and EUH 2001 or C.I.

Course Description

Congress of Vienna, Metternich's system Crimean War, unifications of Italy& Germany, the Bismarckian era, the alliance systems, and the outbreak of World War I.

College

College of Arts and Humanities

Department

Department of History

EUH4663 - History of Communism in Europe**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EUH 2000 and EUH 2001.

Course Description

History of communist movements and regimes in Europe from mid-19th century to the fall of the Berlin Wall. The course focuses on the history of communism outside of Russia and opposition to the communist regimes.

College

College of Arts and Humanities

Department

Department of History

EUH4674 - Sport and Society in the Ancient World
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EUH 2000, EUH 2001 or WOH 2012, WOH 2022.

Course Description

A comparison of the original form of the Olympic Games (and ancient notions of sport) to their modern counterparts.

College

College of Arts and Humanities

Department

Department of History

EUH4674H - Honors Sports & Society in the Ancient World
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- GEP Honors completion or permission of Honors.

Course Description

Interdisciplinary approach to comparing the Original Olympic games and other ancient athletic spectacles with their modern counterparts with honors-level content.

College

College of Arts and Humanities

Department

Department of History

EVR - Environmental Sciences

EVR1001 - Introduction to Environmental Science**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Environmental science and environmental systems in the context of real places, real people, real problems and real data.

College

College of Sciences

Department

Department of Biology

EVR1001H - Honors Introduction to Environmental Science**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Environmental science and environmental systems in the context of real places, real people, real problems, and real data.

College

College of Sciences

Department

Department of Biology

EVR3008 - Foundations of Environmental Studies**Credits Hours**

3

Prerequisites

- Junior standing, complete equivalent of UCF Science and Math GEP.

Course Description

An overview of the approaches taken by different disciplines to address regional, national, and global environmental issues.

College

College of Undergraduate Studies

Department

Interdisciplinary Studies

EVR3085 - Interdisciplinary Research Methods for Environmental Studies

Credits Hours

3

College

College of Undergraduate Studies

Department

Interdisciplinary Studies

EVR4940 - Capstone Environmental Studies

Credits Hours

3

Prerequisites

- Environmental Studies Major in graduating semester, or C.I.

Course Description

In their graduating semester, majors reflect on their learning, engage in research projects, prepare an e-portfolio documenting their skills, competencies, and academic career for post-graduation plans.

College

College of Undergraduate Studies

Department

Interdisciplinary Studies

EXP - Experimental Psychology

EXP3204 - Sensation and Perception

Credits Hours

3

Prerequisites

- PSY2012

Course Description

Consideration of physical and psychological variables in perceptual phenomena.

College

College of Sciences

Department

Department of Psychology

EXP3250 - Principles of Human Factors Psychology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PSY 2012.

Course Description

The study of human performance in human-machine-environment systems. Topics will include human factors psychology in the design of displays and controls, human information processing, and the effects of some environmental variables on human performance.

College

College of Sciences

Department

Department of Psychology

EXP3304 - Motivation and Emotion**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PSY 2012.

Course Description

Some topics including human performance, obedience, ideology, aggression, and psychological well-being.

College

College of Sciences

Department

Department of Psychology

EXP3404 - Basic Learning Processes
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PSY 2012.

Course Description

Theory and research on learning phenomena.

College

College of Sciences

Department

Department of Psychology

EXP3604 - Cognitive Psychology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PSY 2012.

Course Description

Theory and research on attention, memory, complex human learning, and problem solving.

College

College of Sciences

Department

Department of Psychology

EXP3640 - Psychology of Language
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PSY 2012.

Course Description

Psychological principles involved in the communicative process, with application to individuals and groups.

College

College of Sciences

Department

Department of Psychology

EXP4507 - Advanced Human Memory and Cognition
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PSY 3213C, EXP 3604.

Course Description

In-depth coverage of experimental research on human memory and cognition.

College

College of Sciences

Department

Department of Psychology

FIL - Film

FIL1000 - Cinema Survey**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Introductory course that focuses on different approaches to studying cinema.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL1000H - Honors Cinema Survey**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Permission of Honors.

Course Description

Introductory course that focuses on different approaches to studying cinema. Honors-level content.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL1007 - Foundations of Story**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Film BA major, Film BFA pending major or Cinema Studies minor

Course Description

Analysis of dramatic and cinematic narrative structures, both plot and character, from historical and cultural perspectives.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL1008 - Cinematic Expression I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Film BA major, Film BFA pending major or Cinema Studies minor

Course Description

Analysis and practice of aesthetic principles essential in filmmaking, including composition, moving graphics, image design, lighting styles.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL2030 - History of Motion Pictures**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Course Description

The history of motion pictures as art and industry; from 1895 to the present.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL2107 - Script Analysis**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Film BA major or Film BFA pending major.

Prerequisites/Corequisites

- ENC 1101 and FIL 1007.

Course Description

Introduction to dramatic and visual storytelling techniques used in both traditional and non-traditional filmmaking and screenwriting.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL2423 - Foundations of Production**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Digital Media or Cinema Studies major, or Cinema Studies minor.

Course Description

Basic production techniques used in film making. Students must supply their own video equipment and editing equipment. Any format is acceptable.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL2424 - Introduction to Film Production**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Film BA major or Film BFA pending major

Course Description

Introduction to budgeting, script breakdown, construction of production boards, scheduling, location scouting, and crew positions.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL2461C - Cinematography I
Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites

- Film BA major or Film BFA pending major and FIL2424

Course Description

An introduction to the principles of the motion image capture process: camera, lenses, lighting, and grip theories, techniques and technologies.

Current Fee Per Student

\$10.00

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL2480 - Directing Techniques for Film
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Film BA major, Film BFA pending major or Film pending major and FIL1008 and FIL1007.

Course Description

Introduction to processes and techniques of film directing.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL2481 - Directing the Actor for Film I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Film BA major, Film BFA major or Film pending major

Course Description

Developing an ability to direct and work with film actors effectively, using various acting and directing techniques.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL2534 - Sound Design for Film I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- (Film BA major, Film BFA major or Film pending major) and FIL2552

Course Description

An introduction to the principles of the motion picture sound process: recording, editing, and mixing theories, techniques, and technologies.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL2552 - Editing I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Film BA major, Film BFA major or Film pending major.

Course Description

Introduction to the principles of motion picture post-production process: editing, workflow, and exhibition theories, techniques, and technologies.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL3006 - Art of the Cinema**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FIL 2030.

Course Description

An analysis of basic elements of cinematic style including film direction, editing, cinematography, art direction and sound.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL3036 - Film History I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FIL 2030 and Film major or Cinema Studies Minor

Course Description

Examines film history in a depth of detail and with rigor that is appropriate for majors in the subject. This course covers cinema history from 1895 to 1945.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL3037 - Film History II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FIL 2030 and Film Major or Cinema Studies Minor.

Course Description

Film history in a depth of detail and with rigor that is appropriate for majors in the subject. This course covers from 1946 to the present.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL3041 - History of Animated Films I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Cinema Studies, Art, Animation or Digital Media major.

Course Description

Evolution of animation from its roots in Art, Theatre, and Novelty Inventions to its rise as a cinematic force of popular storytelling.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

FIL3051 - Avant-Garde Cinema**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing and Film major or Cinema Studies Minor or C.I.

Course Description

History and aesthetics of Avant-Garde Cinema with an emphasis on post WWII North American films and filmmakers.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL3072C - Cinema in the 1940s and 1950s**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FIL 2030

Course Description

Films of the 1940s and 1950s as they pertain to the political, social, cultural, and artistic context of the period.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL3073C - Cinema in the 1960s and 1970s**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FIL 2030

Course Description

Films of the 1960s and 1970s as they relate to the political, social, cultural, and artistic context of the period.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL3074C - Cinema 1980s to the Present**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- FIL2030 and either Film Major or Cinema Studies Minor

Course Description

Films from the 1980s and onward as they pertain to the political, social, cultural, and artistic context of the period.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL3102 - Writing for Film and TV**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- (Film BA major, Film BFA major or Film pending major), ENC1102 and FIL1007

Course Description

Theories and process of screen writing for motion pictures and television. Students learn how to create stories and scripts for the entertainment marketplace.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL3115 - Short Script I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FIL 2107 and Film Major or C.I.

Course Description

Rudiments of writing the short script. Analysis of script models and examination of differences between long and short forms. Writing scripts for workshops.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL3132 - Short Script II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FIL 3115 and (Film BFA major or Film BA major) or C.I.

Course Description

Advanced writing of short scripts in preparation for Senior-level Narrative Production 1 and 2 courses.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL3304C - Documentary Vision
Credits Hours

3

Lab/Studio/Field Work Hours

3

Prerequisites

- FIL 3363C.

Course Description

Styles and approaches to documentary filmmaking, with emphasis on making short, personal films.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL3307 - Docudrama
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FIL2030 and either Film major or Cinema Studies Minor.

Course Description

Techniques to dramatize real-life events and persons, with emphasis on representation, adaptation and ethics.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL3363C - Film Documentary
Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites

- FIL 2030 and Film major or Cinema Studies minor.

Course Description

The uses and analysis of the nonfiction film.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL3379C - Advanced Documentary Production
Credits Hours

3

Lab/Studio/Field Work Hours

6

Prerequisites

- Film BA or Film BFA Major and FIL 3363C or C. I.

Course Description

Advanced readings and analysis of documentary history, theory and ethics; production and practice of contemporary nonfiction entertainment.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL3379K - Honors Advanced Documentary Workshop
Credits Hours

3

Lab/Studio/Field Work Hours

6

Prerequisites

- ENC 1102H and Consent of Honors or C.I.

Course Description

Public history research and documentary production. Studentproduced multimedia projects centered on local partnerships that explore the public history of Central Florida. With Honors content.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL3401 - Research Methods for Filmmakers
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: Film BA or Film BFA Major and ENC 1102

Course Description

Research methods and applied issues of responsibility for film makers

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL3462C - Cinematic Expression II**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- FIL 1008 and either Film Major or Cinema Studies Minor

Course Description

Advanced study of the film image, sound, and sequence using principles and elements of visual, aural, and cinematic design theory. Includes practical studies and films.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL3483 - Directing the Actor for Film II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FIL 2481.

Course Description

Characterization and scene study as it applies to directing the actor for film.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL3720C - Introduction to Animation**Credits Hours**

3

Lab/Studio/Field Work Hours

3

Prerequisites/Corequisites

- DIG 3951 and declared Emerging Media BFA, Character Animation Track, or ART 3950 and declared Emerging Media BFA, Experimental Animation Track, or ART 3952

Course Description

Introductory computer graphic techniques utilizing microcomputer systems. Techniques include basic paint systems, color cycling and 2D animation.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

FIL3734C - Intermediate Animation**Credits Hours**

3

Lab/Studio/Field Work Hours

3

Prerequisites

- FIL 3720C

Course Description

Focus on 3-D computer modeling and animation systems. Hands-on exercise on the type of high-end animation systems used in the film industry.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

FIL3803C - Film Theory and Criticism I
Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites

- Junior Standing and Film Major

Course Description

Major film theories to the Second World War Period.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL3804C - Film Theory and Criticism II
Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites

- FIL 3803C

Course Description

Major film theories from Second World War period to present.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL3823 - German Film**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- C.I.

Course Description

Exploration of the form and context of German film during different time periods in relation to other aspects of culture and to sociopolitical structures at the time.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL3826 - American Cinema**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FIL2030 and Film major or Cinema Studies minor.

Course Description

Lectures, films and forums designed to provide awareness of styles, images, and myths in cinema that influence or reflect our culture.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL3831 - Black Cinema**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing and ENC 1102.

Course Description

Independent black film movements; theory, aesthetics and criticism of African-American, African-Canadian and African-Caribbean cinema.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL3842 - International Cinema**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- FIL 3036 or FIL 3037, and Film BFA or Film BA major.

Course Description

Critical exploration of the political, social, cultural and artistic context of international film production, with emphasis on co-production and transnational connections in production and reception.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL3845 - World Cinema Traditions**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FIL 3036 or FIL 3037 and Film Major or Cinema Studies Minor

Course Description

The relationship among film, history, and culture in selected Asian, African, Latin American, and Middle Eastern countries.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL3847 - Latin American Cinema**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FIL 3036 or FIL 3037

Course Description

Latin American films and film movements, historical and contemporary issues, social, and aesthetic concerns.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL3850 - Cinema Directors**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FIL 3803C or C.I.

Course Description

Intensive study of the work of selected film-makers using multiple modes of criticism and author analysis to examine films.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL3870C - Music, Natural Sounds and Dialogue in Film**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- Complete all of the following
 - Active in Film BA, Film BFA, or Film BFA Pending
 - Complete the following:
 - FIL2030 - History of Motion Pictures (3)

Course Description

Study of relationship between music, natural sounds, dialogue, and moving images.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL3871 - The American Film Artist**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FIL 2030.

Course Description

Analysis of a major American filmmaker's style, vision and works; how these evolved and their impact on film and the culture.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL3880C - Images of Women in Film**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- FIL 2030.

Course Description

Images of women in film and how these images are shaped and structured in relation to circumstances of production, aesthetics, cultural, historical, and ideological factors.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL3922 - Film Colloquium**Credits Hours**

1

Lab/Studio/Field Work Hours

1

Prerequisites

- Film majors only.

Course Description

A series of lectures, films and forums designed for students in the film program. The class is team taught by film faculty and guest speakers from the film industry.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL4040 - Animation Film History for Non-Film Majors**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102.

Course Description

Evolution of animation since World War II.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

FIL4042 - History of Animated Films II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FIL 3041, and Cinema Studies, Art, Animation or Digital Media major.

Course Description

Growth and diversification of American and international animation since 1945.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

FIL4057C - Hollywood Cinema
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FIL 2030

Course Description

This course studies Hollywood cinema historically, culturally, stylistically, and organizationally.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL4103 - Adaptation**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FIL 2107.

Course Description

The process of adapting scripts from other sources. The investigation of the legalities of adaptation, analysis of existing models, and written adaptations.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL4103H - Honors Film Adaptation**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Consent of Honors.

Course Description

The process of adapting scripts from other sources. The investigation of the legalities of adaption, analysis of existing models, and written adaptations. With Honors content.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL4162C - Feature/TV Writing I**Credits Hours**

3

Lab/Studio/Field Work Hours

3

Prerequisites

- Film BFA Major and ENC 1102.

Course Description

Tutorial-based studio course in which students author feature-length screenplays over the course of two semesters.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL4163C - Feature/TV Writing II**Credits Hours**

3

Lab/Studio/Field Work Hours

3

Prerequisites

- Film BFA major, FIL 3102, FIL 3115, and FIL 4162C.

Course Description

Tutorial-based studio course in which students author feature-length screenplays over the course of two semesters.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL4301C - Documentary Production I**Credits Hours**

3

Lab/Studio/Field Work Hours

3

Prerequisites

- Film BFA Major and ENC 1102.

Course Description

Tutorial-based studio course in which students author and apply narrative structure and production techniques to nonfiction film.

Current Fee Per Student

\$40.00

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL4302C - Documentary Production II**Credits Hours**

3

Lab/Studio/Field Work Hours

3

Prerequisites

- Film BFA Major, FIL 3363C, and FIL 4301C.

Course Description

Tutorial-based studio course in which students author and apply narrative structure and production techniques to nonfiction film.

Current Fee Per Student

\$40.00

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL4427C - Film Production Workshop**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- PR: Film BA or Film BFA major

Corequisites

- FIL4472C or FIL4647 or FIL4535C or FIL4566C

Course Description

Directors, writers, producers, cinematographers, editors, sound designers, and production designers collaborate to produce, shoot, edit, and deliver narrative, documentary, or experimental projects.

Current Fee Per Student

\$35.00

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL4428C - Narrative Production I**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- PR: Film BFA major and ENC 1102

Course Description

Tutorial-based studio course in which students author creative work within the modality of narrative production.

Current Fee Per Student

\$60.00

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL4434C - Capstone I - The Professional Practice
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- Senior standing and Film BA or Film BFA major.

Course Description

Prepares students for the transition to a professional practice, clarifying the paths available to visual artists after graduation.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL4436 - Film Theory/Film Production
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing and FIL 1008 or C.I.

Course Description

Non-narrative filmmaking demonstrating the dynamic interplay between producing, viewing, reading and writing about images.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL4437C - Narrative Production II
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- PR: Film BFA major, FIL 3115, FIL 2480, and FIL 4428C Narrative Production I

Course Description

Tutorial-based studio course in which students author creative work within the modality of narrative production.

Current Fee Per Student

\$60.00

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL4439C - Micro-Process Production
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- PR: Film BA or Film BFA major, FIL 2480, and FIL 3115

Course Description

Individual fiction and non-fiction video projects under the guidance of a faculty mentor with an emphasis on limited scale of production processes.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL4451 - Design for Film**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FIL 2424, or C.I.

Course Description

Analysis of visual structure of film. Specific problems in art direction.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL4453C - Special Problems in Film Design**Credits Hours**

4

Lab/Studio/Field Work Hours

2

Prerequisites

- FIL 2423 or FIL 2424 and FIL 2030.

Course Description

A series of exercises in craft, techniques, and design for film production, including animation.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL4472C - Cinematography II
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- (Film BA major or Film BFA major) and FIL2461C.

Course Description

An intermediate course focusing on the concepts and techniques of film/video image making and related technologies.

Current Fee Per Student

\$25.00

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL4486C - Directing for Film II
Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites

- (Film BA major or Film BFA major) and FIL2480.

Course Description

An advanced course examining the processes and techniques of film directing and working with actors.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL4487 - Directing for Film III
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FIL 4486C.

Course Description

Advanced processes and techniques of film directing.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL4535C - Sound Design for Film II
Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites

- Film BA or Film BFA or Digital Media major and FIL 2534.

Course Description

An intermediate course focusing on the concepts and techniques of film sound production, related technologies, and the collaborative process of achieving a project's vision.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL4536C - Sound Design for Film III**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- (Film BA major or Film BFA major) and FIL 4535C

Course Description

Advanced aspects of sound mixing and sound editing using advanced protocols and digital format.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL4566C - Editing II**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- Film BA or Film BFA major and FIL 2552.

Course Description

Advanced theory & practice of film editing, emphasizing hands-on work and critique, related post-production processes, & the collaborative process of achieving a project's vision.

Current Fee Per Student

\$5.00

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL4573C - Capstone II - Exhibition and Seminar
Credits Hours

3

Lab/Studio/Field Work Hours

3

Prerequisites

- Film BFA Major, Senior standing, and FIL 4434C.

Course Description

Exhibition and seminar. Students curate their individual BFA works into a public exhibition.

Current Fee Per Student

\$25.00

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL4602 - Film Business
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- FIL 2424

Course Description

This is a seminar course taught by a professional in the film industry which deals with issues relating to the organization & production of motion pictures.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL4615C - Film Marketing and Exhibition
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- Film BA or Film BFA major

Course Description

The process of film festival marketing is examined and practiced in conjunction with local film festivals.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL4647 - Film Production Management
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 and Junior Standing, or C.I.

Course Description

Production, budgeting, script breakdown, construction of production boards, scheduling, location scouting, and crew procurement.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL4661 - The Film Producer
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing and Film major.

Course Description

The role of the producer is examined in the context of theatrical film.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL4735C - Advanced Experimental Animation
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- Complete all of the following
 - Complete the following:
 - FIL3734C - Intermediate Animation (3)
 - Complete the following:
 - ART3952 - Experimental Animation Portfolio
 - OR
 - Complete the following:
 - ART3950 - Studio Art Portfolio
 - and admission into the Emerging Media BFA, Experimental Animation track.

Course Description

Exploring individual creation of original narrative and non-narrative animation with sound through classic, current, innovative, and hybrid analog and digital methodology.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

FIL4750C - Experimental Animation Workshop**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- FIL 4735C

Course Description

Individual and group creation of original narrative and non-narrative animation with sound through classic, current, innovative, and hybrid analog and digital methodology.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

FIL4830 - Motion Picture Genre**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FIL 2030.

Course Description

Analysis and evaluation of films, including their major genres, directors, styles, and periods.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL4830H - Honors Motion Picture Genre
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Consent of Honors.

Course Description

Analysis and evaluation of films, including their major genres, directors, styles, and periods. With Honors content.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL4855 - Independent Cinema
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FIL 2030 or equivalent.

Course Description

Advanced analysis and research of independent cinema.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL4876C - Experimental Cinema I**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- Film BFA major and ENC1102.

Course Description

Tutorial-based studio course in which students author creative work within the modality of experimental cinema.

Current Fee Per Student

\$55.00

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL4877C - Experimental Cinema II**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- Film BFA major, (FIL3051 and FIL4876C).

Course Description

Tutorial-based studio course in which students author creative work within the modality of experimental cinema.

Current Fee Per Student

\$55.00

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL4906 - Directed Independent Study
Credits Hours

1 - 99

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL4912 - Directed Independent Research
Credits Hours

0 - 99

Lab/Studio/Field Work Hours

0-99

Prerequisites

- Instructor Consent Required

Course Description

Independent Study

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL4934C - Current Problems in Film and Culture
Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites

- FIL 2030, Film BA or Film BFA major or Cinema Studies minor

Course Description

Concentration on the most recent work in film studies concerned with film in its relation to cultural issues.

College

College of Sciences

Department

Nicholson School of Communication and Media

FIL4941 - Internship
Credits Hours

0 - 99

Lab/Studio/Field Work Hours

0

Course Description

Internship

College

College of Sciences

Department

Nicholson School of Communication and Media

FIN - Finance

FIN2100 - Personal Finance and Investments
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Open to all students (majors, minors, and non-majors).

Course Description

An overview of personal and family financial planning. Topics include housing, investments, insurance, retirement planning, estate planning, financial services, consumer credit, and tax planning.

College

College of Business Administration

Department

Department of Finance

FIN3303 - Financial Markets**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FIN 3403 with a "C" (2.0) or better; open to majors or minors which require this course.

Course Description

The role of short and long-term financial markets and financial institutions in capital formation and allocation. Theories and mathematics of interest rates.

College

College of Business Administration

Department

Department of Finance

FIN3403 - Business Finance**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ACG 2021 and ECO 2013 or ECO 2023 with a grade of "C" (2.0) or better.

Course Description

With the balance sheet as a reference point, this course provides an introduction and overview of the acquisition, financing, and management of business assets.

College

College of Business Administration

Department

Department of Finance

FIN3403H - Honors Business Finance**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ACG 2021 and ECO 2013 or ECO 2023 with a grade of "C" (2.0) or better and consent of Honors.

Course Description

Open to University honors students and other students participating in the honors program. With the balance sheet as a reference point, this course provides an introduction and overview of the acquisition, financing, and management of business assets. With honors level content.

College

College of Business Administration

Department

Department of Finance

FIN3414 - Intermediate Corporate Finance**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FIN 3403 with a "B" (3.0) or better; open to finance majors and minors, or with department consent which will be based on meeting qualifications for finance majors and minors. Must be taken with or before FIN 4243 and FIN 4504.

Course Description

In-depth study of the principles of corporate finance. Investment, financing, and capital decisions are examined.

College

College of Business Administration

Department

Department of Finance

FIN3461 - Financial Statement Analysis**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FIN 3403 with a "B" (3.0) or better; open to finance majors and minors, or with department consent which will be based on meeting qualifications for finance majors and minors.

Course Description

Understanding and interpreting financial statement data for business decisions and valuations.

College

College of Business Administration

Department

Department of Finance

FIN4243 - Debt and Money Markets**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FIN 3403 with a "B" (3.0) or better. Open to finance majors and minors, or with department consent which will be based on meeting qualifications for finance majors and minors.

Course Description

Course examines debt, money market investments, market structure, trading and valuation. Risk management introduced. Roles of banking systems, and financial institutions in fixed income markets.

College

College of Business Administration

Department

Department of Finance

FIN4324 - Commercial Bank Management
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FIN 4243 with a "C" (2.0) or better; open to finance majors and minors, or with department consent which will be based on meeting qualifications for finance majors and minors.

Course Description

Analysis of the intersections of commercial banking policies and an analysis of current approaches to managing specific bank products.

College

College of Business Administration

Department

Department of Finance

FIN4424 - Advanced Topics in Financial Management
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FIN 3414, FIN 4243 and FIN 4504 each with a "C" (2.0) or better; open to finance majors and minors, or with department consent which will be based on meeting qualifications for finance majors and minors.

Course Description

Advanced study in financial management. Topics include capital budgeting, financial structure, and capital decisions. Case studies used extensively.

College

College of Business Administration

Department

Department of Finance

FIN4450 - Foundations of FinTech
Credits Hours

3

Prerequisites

- ECO 4443

Course Description

Overview of FinTech, which involves technology innovations in the financial services sector including retail banking, investments, blockchain and crypto-currencies.

College

College of Business Administration

Department

Department of Finance

FIN4451 - FinTech for Decision Makers
Credits Hours

3

Prerequisites

- Class can be taken with departmental permission ONLY. ECO 4443 and FIN 4458

Course Description

Introduction to business intelligence and analytics applied to the financial world. It includes the use of data, statistical/quantitative analysis using R, and exploratory and predictive models.

College

College of Business Administration

Department

Department of Finance

FIN4453 - Financial Models**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FIN 4243 and FIN 4504, each with a "C" (2.0) or better; open to finance majors and minors, or with department consent which will be based on meeting qualifications for finance majors and minors.

Course Description

Mathematical models applied specifically to financial problems, including those models suitable for representation and solutions on computers.

College

College of Business Administration

Department

Department of Finance

FIN4504 - Equity and Capital Markets**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FIN 3403 with a "B" (3.0) or better; open to finance majors and minors, or with department consent which will be based on meeting qualifications for finance majors and minors.

Course Description

Course examines equity investments, including market structure, trading, analysis, and valuation. Theories of efficient markets and rational investors are examined. Futures and options are introduced.

College

College of Business Administration

Department

Department of Finance

FIN4514 - Portfolio Analysis and Management**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FIN 4504 with a "C" (2.0) or better; open to finance majors and minors, or with department consent which will be based on meeting qualifications for finance majors and minors.

Course Description

Portfolio and capital market theory in the determination of rational investment policies. Risk analysis, portfolio analysis, and evaluation techniques.

College

College of Business Administration

Department

Department of Finance

FIN4533 - Financial Derivatives**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FIN 4504 or FIN 4243, each with a "C" (2.0) or better; open to finance majors and minors, or with department consent which will be based on meeting qualifications for finance majors and minors.

Course Description

Options, futures, forwards, and other derivative contracts. Investments traded in these markets are examined. Pricing and hedging are considered.

College

College of Business Administration

Department

Department of Finance

FIN4560H - Honors Applied Portfolio Management 1**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Consent of Honors or Cl. Finance major, completion of FIN 3403, FIN 4243 and FIN 4504, each with a "B" (3.0) or better. Class size limited, enrollment must be approved by department.

Course Description

Student Managed Portfolio program with honors content. Provides rigorous analyses of equity portfolio management topics, including risk/return, valuation, forecasting, portfolio construction, and performance appraisal.

College

College of Business Administration

Department

Department of Finance

FIN4561H - Honors Applied Portfolio Management 2**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Consent of Honors or Cl. Finance major, completion of FIN 3403, FIN 4243, FIN 4504 and FIN 4560H with a "B" (3.0) or better. Class size limited, enrollment must be approved by department.

Course Description

Student Managed Portfolio program with honors content. Rigorous coverage of advanced portfolio management topics, including uses of derivatives, tax issues, and style investing.

College

College of Business Administration

Department

Department of Finance

FIN4604 - International Financial Management**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FIN 3403 with a "B" (3.0) or better; open to finance majors and minors, or with department consent which will be based on meeting qualifications for finance majors and minors.

Course Description

Analysis of the foreign financial methods and investment, currency futures market, capital budgeting, cash management, examination of Eurocurrency market and international bond markets.

College

College of Business Administration

Department

Department of Finance

FIN4941 - Finance Internship**Credits Hours**

3

Lab/Studio/Field Work Hours

3

Prerequisites

- Finance major with at least 6 hours of completed coursework in finance, 3.0 Finance major GPA, minimum overall GPA of 2.75 and consent of internship coordinator.

Course Description

Supervised finance work experience in a pre-approved sponsoring organization. See department for information and application.

College

College of Business Administration

Department

Department of Finance

FLE - Foreign Language Education

FLE3160 - Education and Culture/Language Diversity**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to major, overall 2.5 GPA, 3.0 GPA in major, and C.I.

Course Description

A cross-cultural field experience which includes cultural and language immersion. Theoretical and applied knowledge of culture and language. diversity.

College

College of Community Innovation and Education

Department

School of Teacher Education

FLE4340 - Teaching World Languages in K-12 Schools**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: Admission to Teacher Education B.S. World Languages Education track or Lifelong Learning track or C.I.

Course Description

Methods of teaching another language at the K-12 level within a communicative framework. Includes examination and practice of current instructional techniques in listening, speaking, reading, writing skills, testing, and error correction.

College

College of Community Innovation and Education

Department

School of Teacher Education

FOL - Foreign and Biblical Languages

FOL1930 - Elementary Kurdish Language and Civilization I
Credits Hours

1 - 99

Lab/Studio/Field Work Hours

0

Course Description

Introduces students to Kurdish language skills. Open to students with no experience in the language.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FOL1931 - Elementary Kurdish Language & Civilization II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Elementary Kurdish Language & Civilization I

Course Description

Continuation of Elementary Kurdish Language & Civilization I, introduces the student to Kurdish language skills.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRE - French Language

FRE1120C - Elementary French Language and Civilization I
Credits Hours

4

Lab/Studio/Field Work Hours

1

Course Description

Introduces the student to French culture through the major language skills: listening, speaking, reading and writing. Open only to students with no experience in the language.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRE1121C - Elementary French Language and Civilization II
Credits Hours

4

Lab/Studio/Field Work Hours

1

Prerequisites

- FRE 1120C or equivalent.

Course Description

Continuation of FRE 1120C.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRE2200 - Intermediate French Language and Civilization I
Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites

- FRE 1121C or equivalent.

Course Description

Development of language skills and cultural knowledge at the intermediate level.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRE2201 - Intermediate French Language and Civilization II
Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites

- FRE 2200 or equivalent.

Course Description

Continuation of FRE 2200 with emphasis on French civilization.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRE3300 - French Grammar
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FRE 2201 or equivalent.

Course Description

An in-depth review of the structures of French for students who intend to take French literature courses.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRE3312 - Advanced French Grammar II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FRE 2201 or equivalent

Course Description

Expand and develop students' grammatical knowledge and accuracy in French.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRE3420 - French Composition
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FRE 2201 or equivalent.

Course Description

Development of skills in composition.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRE3423 - Advanced French Grammar Abroad
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FRE 2200, FRE 2201 or equivalent.

Course Description

Students will be immersed throughout the term applying grammatical concepts as they relate to written expression in order to enhance oral expression.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRE3440 - Business French I
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Three semesters of French language.

Course Description

Introduces vocabulary and terminology in various French business activities, as well as standards, procedures, and practices of the French business world.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRE3441 - Business French II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FRE 3440 or C.I.

Course Description

Introduction to French business language and practices.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRE3760 - Advanced French Oral Communication
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FRE 2201 or equivalent.

Course Description

Vocabulary building with systematic training in diction and locution. Speeches and oral presentations as well as production and delivery of real-life dialogues.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRE3780 - French Phonetics and Diction
Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

French phonology, with emphasis on phonic groupings.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRE4421 - Advanced French Conversation
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FRE 3760.

Course Description

Advanced conversation on directed topics from various disciplines; literature, art, psychology, philosophy, music, business, and the sciences.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRE4422 - Advanced French Composition
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FRE 3420.

Course Description

Readings and written imitations of modern literary styles in the form of themes, sketches, poems, and original stories.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRE4500 - French Civilization and Culture**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FRE 3420.

Course Description

A survey analyzing development of key elements of French life: its historical, artistic, intellectual, scientific, and spiritual contributions to the world via readings, lectures, films, and other media. Conducted in French.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRE4503 - Quebecois Civilization**Credits Hours**

3

Prerequisites

- Grade of 'C' (2.0) or better in FRE 2201

Course Description

An introduction to the main epochs and events in the history of the French civilization in North America with particular emphasis on Quebec.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRE4701 - Francophone Linguistics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of 'C' (2.0) or better in FRE 2201 or equivalent.

Course Description

An Introductory study of language variation in the French-speaking world. Students will examine French from the following perspectives: morphology, semantics, and sociolinguistics.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRE4950C - French Portfolio**Credits Hours**

0

Lab/Studio/Field Work Hours

0

Prerequisites

- French BA, Senior Standing and C.I. Portfolio application for French majors.

Course Description

The portfolio is part of the exit exam and is prepared during tenure at UCF.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRT - French Culture in Translation

FRT3140 - French and Francophone Literary Masterworks in Translation**Credits Hours**

3

Prerequisites

- Grade of 'C' (2.0) or better in FRE 2201

Course Description

May include survey covering texts from the Middle Ages to the present or may focus on a particular period, genre, or topic.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRT3451 - French Translation and Interpretation**Credits Hours**

3

Prerequisites

- Grade of 'C' (2.0) or better in FRE 2201

Course Description

Explores the basic concepts of English/French, French/English translation and interpretation.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRT3562 - French Contemporary Pop Culture**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FRE 2200.

Course Description

Examination of Modern France and its culture, with emphasis on contemporary trends in language, music, fashion, fiction, press, cyberculture, street arts, and food.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRT3810 - French Multimedia Translation and Interpretation**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FRE 2201 or equivalent.

Course Description

Mastering translation and interpretation in mass communication using all forms of media, i.e: radio, TV, press, websites and social media.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRT3830 - Medical French Translation and Interpretation**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FRE 2201 or equivalent

Course Description

Basic French terminology, techniques, and ethics in the field of medical translation and interpretation.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRT3831 - French Legal Translation and Interpretation
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FRE 2201 or equivalent

Course Description

Develop consecutive, simultaneous, and sight interpretation skills as well as written text translation skills needed for translation of legal documents.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRT4421 - French Medieval Literature and Culture
Credits Hours

3

Prerequisites

- Grade of 'C' (2.0) or better in ENC 1102

Course Description

Provides students with the skills needed to read, discuss, and write about French Literature and culture of medieval France.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRT4521 - Language and Culture through Francophone Cinema
Credits Hours

3

Prerequisites

- Grade of 'C' (2.0) or better in FRE 2201 or equivalent.

Course Description

Linguistic and cultural considerations in Francophone cinema, with an emphasis on translation and interpretation.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRT4563 - French Women Warriors and others of the World: Myth and Reality**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of 'C' (2.0) or better ENC 1102 or equivalent.

Course Description

Explore the lives, legends, and tales of some of the most famous French women warrior and others, from the Greek Amazons to WW2.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRT4801 - French Business Translation and Interpretation**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of 'C' (2.0) or better in FRE 2201 or equivalent

Course Description

Develop the basic skills needed to translate and interpret in a business French setting.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRT4822 - Field Research in Sociolinguistics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FRE 1121C

Course Description

An interdisciplinary seminar to introduce students to the tools and concepts of qualitative sociological, cultural and linguistic field research.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRT4941 - Internship**Credits Hours**

1 - 99

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRW - French Literature (Writings)

FRW3100 - Survey of French Literature I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FRE 2201 or equivalent.

Course Description

Main literary currents and works from the Middle Ages through the 18th century.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRW3101 - Survey of French Literature II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FRE 2201 or equivalent.

Course Description

Main literary currents and works of the 19th and 20th centuries.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRW3370 - From the Merveilleux to the Fantastique: French Modern Short Stories

Credits Hours

3

Prerequisites

- FRE 2201 or equivalent.

Course Description

Great French short stories in the Wonderful, Fantastic, Sci-Fi and Absurd genres from the 18th to the 20th centuries.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRW3740 - The French Literature of Canada**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FRE 2201 or equivalent.

Course Description

A survey of the French literature of Canada from the late 19th century to the present, with particular emphasis on the novel and short story.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRW3752 - French Caribbean Literature**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FRE 2201 or equivalent.

Course Description

Literature of the French speaking Caribbean from colonial times to the present, in French.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRW3760 - Creole Identity in the French-Speaking World
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FRE 2201 or equivalent.

Course Description

Creole literatures and cultures of the Francophone world.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRW3770 - Francophone Literature
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FRE 2201.

Course Description

The literature of the Francophone world. Students will read, analyze and discuss literary works written in French.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRW3810 - French Literary Texts and Analysis
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FRE 2201.

Course Description

French Literature and literary analysis from the Middle Ages to the present. Course is conducted in French.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRW4281 - 20th Century French Novels
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FRW 3100 or FRW 3101 or equivalent.

Course Description

Contemporary French Novel. Will focus on post-war authors, both traditional and avantgarde, such as Bazin, Beckett, Butor, Camus, Mauriac, Malraux and Sarraute.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRW4310 - Early Modern French Theater
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or C.I.

Course Description

Early modern French theatre through a series of renaissance, baroque and neoclassical plays in the context of social and political criticism of their time.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRW4324 - 20th Century French Drama
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FRW 3100 or FRW 3101 or equivalent, or C.I.

Course Description

Concentration on traditional and avant-garde theater after WWII, such as the works of Beckett, Camus, Claudel, Giraudoux, Ionesco, and Sartre; different literary approaches will also be used.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRW4380 - Happily Ever After: Fairy Tales to Ex-Machina**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or C.I.

Course Description

Understand classic fairy tales via the lens of the feminist storytelling traditions from early modern French women tellers, to contemporary depictions in diverse media sources.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRW4440 - French Literature of the Eighteenth Century**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FRW 3100.

Course Description

The philosophical movement: Montesquieu, Vauvenargues, Voltaire, Diderot, Buffon.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRW4532 - French Romanticism**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FRW 3100

Course Description

Great poets and dramatists of the Romantic Movement: Hugo, Lamartine, Vigny, Musset, and others.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRW4552 - Nineteenth Century French Literature**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FRW 3101.

Course Description

Realism and naturalism.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FRW4820 - Stylistics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FRE 3420 or equivalent.

Course Description

An intense study of textual criticism. An examination of the relationship between language and literature; explications and linguistic analysis of literary texts.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

FSS - Food Service Systems

FSS2221 - Techniques of Food Preparation**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Basic principles of food and beverage preparation, service and menu development.

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

FSS2221C - Techniques of Food Preparation**Credits Hours**

4

Lab/Studio/Field Work Hours

3

Prerequisites

- HFT 1000.

Course Description

Basic principles and practice of food and beverage preparation, service, and menu development.

Current Fee Per Student

\$70.00

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

FSS2284C - Food Preparation for Catered Events**Credits Hours**

4

Lab/Studio/Field Work Hours

3

Prerequisites

- HFT 1000.

Course Description

Basic principles and practice of food preparation and menu development for catered events. Methods and procedures for on and off premise catered events.

Current Fee Per Student

\$70.00

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

FSS3006C - Garde Manger
Credits Hours

3

Lab/Studio/Field Work Hours

3

Prerequisites

- PR: FSS 2221C or FSS 2284C

Course Description

Application of advanced preparation techniques of cold foods, preservation techniques, edible centerpieces, and buffet presentations.

Current Fee Per Student

\$70.00

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

FSS3008 - Culture and Cuisine
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 1000 and FSS 2221C.

Course Description

The major historical and geographical developments that have affected the creation of the cuisines of the world.

Current Fee Per Student

\$35.00

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

FSS3008C - Contemporary Cuisine
Credits Hours

3

Lab/Studio/Field Work Hours

3

Prerequisites

- PR: FSS 2221C or FSS 2284C

Course Description

The evolution of cuisine from classical to contemporary methods including the exploration of farm to table, nutrition, and alternative diet recipes and menus.

Current Fee Per Student

\$70.00

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

FSS3051C - Techniques of Baking and Pastry
Credits Hours

3

Lab/Studio/Field Work Hours

3

Prerequisites

- PR: FSS 2221C or FSS 2284C

Course Description

Techniques of baking and pastry as used in a commercial kitchen with a focus on ingredient functions, product identification, weights, and measures.

Current Fee Per Student

\$58.00

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

FSS3124 - Food Supply Chain Management
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FSS 2221C, HFT 3263 and Junior standing.

Course Description

Planning and management activities involved in sourcing, procurement, logistics, sustainability, commodities markets, and social responsibility as related to food products and services.

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

FSS3232C - Foodservice Operations Management
Credits Hours

3

Lab/Studio/Field Work Hours

3

Prerequisites

- HFT 1000 and FSS 2221C.

Course Description

An integrated approach that combines theory and application in providing students the opportunity to practice their skills in menu planning, food preparation, and customer service. Laboratory class.

Current Fee Per Student

\$70.00

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

FSS4135 - Corporate Contract and Managed Services Organizations**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 3263 and Junior standing.

Course Description

The unique characteristics of managed services including contracting, commodity purchasing, pricing, and revenue management.

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

FSS4286C - Catering Management**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- HFT 1000, FSS 2221C, HFT 3263, and Junior standing.

Course Description

The creation and execution of successful on-premise catered events. Emphasis on hands on menu planning and design, food preparation, and various service styles.

Current Fee Per Student

\$70.00

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

GEA - Geography: Regional Areas

GEA3455 - Geography of Brazil**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1101 or C.I.

Course Description

Geophysical, cultural, economic, and social characteristics and processes of Brazil.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

GEA4405 - Geography of Latin America**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or C.I.

Course Description

Geography of Latin America and the Caribbean, including geophysical, cultural, economic, and social characteristics and processes.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

GEA4405H - Honors Geography of Latin America
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102H or equivalent credit and consent of Honors.

Course Description

Geography of Latin America and the Caribbean, including geophysical, cultural, economic, and social characteristics and processes. With honors content.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

GEB - General Business

GEB2350 - Foundations of Business
Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

Introduction to the U.S. business system and the role it plays in a global economy.

College

College of Business Administration

Department

Department of Marketing

GEB3003 - Career Research & Planning**Credits Hours**

1

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the College of Business.

Course Description

Designed to provide a basic understanding of the importance of career professionalism in today's competitive business environment. The course focuses on self-awareness and career research and planning.

College

College of Business Administration

Department

Department of Management

GEB3005 - Career Search Strategy**Credits Hours**

1

Lab/Studio/Field Work Hours

0

Prerequisites

- GEB 3003.

Course Description

Provides a basic understanding of the importance of career professionalism in today's competitive business environment. The course focuses on personal branding/marketing and career search strategies.

College

College of Business Administration

Department

Department of Management

GEB3006 - Introduction to Career Development and Financial Plannings**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore Standing.

Course Description

Course covers: (1) career development with applications for UCF majors and regional labor market, (2) personal finance topics related to education and life-long financial planning.

College

College of Business Administration

Department

Department of Management

GEB3031 - Integrated Business Foundations**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Completion of ACG2021, ACG2701, ECO2013, ECO2023, QMB 3003 (or MAC2233 and STA2023), and CGS2100C with a grade of "C" or better.

Course Description

Students learn to apply critical transferable, career-enhancing skills including team work, leadership, conflict resolution, ethics, motivation, negotiation, and written and oral communication.

College

College of Business Administration

Department

Department of Integrated Business

GEB3031L - Cornerstone Lab: Professional Skills for Business**Credits Hours**

1

Lab/Studio/Field Work Hours

2

Prerequisites

- CBA major/minor or approved major/minor

Corequisites

- GEB 3031.

Course Description

Students apply concepts and principles introduced in GEB 3031 and related skills essential to academic and professional success.

College

College of Business Administration

Department

Department of Management

GEB3375 - Introduction to International Business**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing and ACG 2071, ECO 2013 and ECO 2023, each with a "C" (2.0) or better.

Course Description

Understanding the interdependence of globalized world economy and similarities between domestic and international business domains.

College

College of Business Administration

Department

Department of Finance

GEB3375H - Honors Introduction to International Business
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing, permission of Honors, ACG 2071, ECO 2013, and ECO 2023, each with a "C" (2.0) or better.

Course Description

Understanding the interdependence of globalized world economy and similarities between domestic and international business domains. Same as GEB 3375 with honors level content.

College

College of Business Administration

Department

Department of Finance

GEB4004 - Executing Your Career Plan

Credits Hours

1

Lab/Studio/Field Work Hours

0

Prerequisites

- GEB 4223.

Course Description

Coaches provide recommendations throughout the career search process, and help implement the career plan developed during the previous three career development courses.

College

College of Business Administration

Department

Department of Management

GEB4104 - Small Business Development**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the Integrated Business major.

Course Description

Students will learn how to plan, open and manage a small business. Topics include franchising, family businesses, buying a business, and independent contracting.

College

College of Business Administration

Department

Department of Integrated Business

GEB4223 - Business Interviewing Techniques**Credits Hours**

1

Lab/Studio/Field Work Hours

0

Prerequisites

- GEB 3005.

Course Description

Develops each student's ability to make a persuasive one-on-one or small group presentation, that is designed to invoke action by either the individual or small group.

College

College of Business Administration

Department

Department of Management

GEB4374 - International Negotiations and Transactions
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Finance major, Junior standing and admission to CBA.

Course Description

Focuses on providing an understanding of the concepts and skills required for international negotiations and transactions.

College

College of Business Administration

Department

Department of Finance

GEB4435 - Moral Foundations of Business
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAN 3025 or C.I.

Course Description

Ethical foundations of business and the relationship between markets and morality through a comparative analysis of capitalist and socialist ideals.

College

College of Business Administration

Department

Department of Management

GEB4451 - Business Climate Analysis**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the Integrated Business BSBA major

Course Description

Examines the impact of external environmental changes on industries and individual businesses. Follows the PESTEL framework, considering political, economic, socio-cultural, technological, environmental, and legal forces.

College

College of Business Administration

Department

Department of Integrated Business

GEB4513 - Applied Business Technologies**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Completion of ACG2021, ACG2701, ECO2013, ECO2023, ECO3401 (or MAC2233 and STA2023), and CGS2100C with a grade of "C" or better.

Course Description

Focuses on a firm's ability to recognize, evaluate and integrate technological developments to create value, solve problems, and gain competitive advantages.

College

College of Business Administration

Department

Department of Integrated Business

GEB4522 - Data Driven Decision Making**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the Integrated Business major.

Course Description

Using public and private data to make informed business decisions. Includes issue identification, feasible solution generation, optimal decision selection, performance tracking, and persuasive writing.

College

College of Business Administration

Department

Department of Integrated Business

GEB4934 - Current Topics in Business Administration**Credits Hours**

0

Lab/Studio/Field Work Hours

1

Prerequisites

- Admission to the College of Business, and C.I.

Course Description

Guest lectures discussing current topics that impact business in the Central Florida, state, national, and international business environments.

College

College of Business Administration

Department

College of Business Administration Dean's Office

GEB4941 - Integrated Business Internship**Credits Hours**

1 - 99

College

College of Business Administration

Department

Department of Integrated Business

GEO1200 - Physical Geography**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Basic physical elements of geography, including climate, landforms, soils, natural vegetation, minerals, and their integrated patterns of world distribution.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

GEO2370 - Resources Geography**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Analysis of basic principles and problems associated with development, use, conservation, and management of natural resources, with special emphasis on the United States.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

GEO3471 - World Political Geography**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Analysis of factors which affect power relations among nations, including area, location, political styles, ethnic divisions, and the politics of energy.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

GEO3471H - Honors World Political Geography**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 and consent of Honors.

Course Description

Analysis of factors which affect power relations among nations, including area, location, political styles, ethnic divisions, and the politics of energy. With Honors content.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

GER - German Language

GER1120C - Elementary German Language and Civilization I**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Course Description

Intro to German culture through major language skills: listening, speaking, reading and writing. Open only to students with no experience in this language.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

GER1121C - Elementary German Language and Civilization II
Credits Hours

4

Lab/Studio/Field Work Hours

1

Prerequisites

- GER 1120C or equivalent

Course Description

Continuation of GER 1120C

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

GER2200 - Intermediate German Language and Civilization I
Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites

- GER 1121C or equivalent.

Course Description

Development of language skills and cultural knowledge at the intermediate level.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

GER2201 - Intermediate German Language and Civilization II
Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites

- GER 2200 or equivalent.

Course Description

Continuation of GER 2200 with emphasis on German civilization.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

GER3102 - Germany - Past to Present
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- GER 3760 or GER 3420 or equivalent.

Course Description

Cultural development that shaped modern Germany. Students will read and discuss selected texts from different literary periods and view the influences they had on culture and daily life. Course conducted in German.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

GER3760 - Advanced German Oral Communication
Credits Hours

3

Prerequisites

- Grade of 'C' (2.0) or better in GER 2201

Course Description

Students will refine speaking and listening skills, build vocabulary, learn interactive communication strategies, and exercise critical thinking about contemporary issues in the German-speaking world.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

GEW - German Literature (Writings)

GEW3480 - German Post-War Literature
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- GER 2201.

Course Description

This course examines the works of German, Austrian and Swiss writers after World War II.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

GEY - Gerontology

GEY3001 - Gerontology: An Interdisciplinary Overview
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing or C.I.

Course Description

Study of aging from an interdisciplinary perspective that bridges social and behavioral sciences, nursing, social work, allied health, and natural sciences.

College

College of Health Professions and Sciences

Department

School of Social Work

GIS - Geography: Information Science

GIS3043C - GIS for Environmental Studies
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- CGS 1060C and BSC 2010C, or C.I.

Course Description

Geographic Information Systems (GIS) technology for environmental analysis. GIS theory with training using ArcGIS, including environmental analysis and facility siting studies.

College

College of Undergraduate Studies

Department

Interdisciplinary Studies

GIS4301C - Advanced GIS Applications in Environmental Studies

Credits Hours

4

Lab/Studio/Field Work Hours

2

Prerequisites

- GIS 3043C.

Course Description

GIS analysis techniques used in environmental science, including raster overlay site suitability modeling, least-cost optimum paths, 3D digital elevation models, network routing and geostatistical analysis.

College

College of Undergraduate Studies

Department

Interdisciplinary Studies

GLY - Geology

GLY1030 - Geology and its Applications

Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

Geologic principles, applications, and hazards including: gemstones, rock cycle, moving continents, mountain building, metal ores, fossil fuels, groundwater, sinkholes, beach erosion, landslides, earthquakes, tidal waves, volcanism.

College

College of Sciences

Department

Department of Chemistry

GLY2038 - Environmental Geoscience
Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

Issues affecting Earth's crust: earthquakes, volcanos, major storms, water-supply problems, resource depletion, waste disposal, land-use planning, flooding, sea-level rise, costal erosion.

College

College of Sciences

Department

Department of Physics

GLY4730 - Marine Geology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: Junior Standing, or CI

Course Description

Examination of physical processes operating in the world ocean; marine tectonics; ocean history; marine sediments; ocean circulation; marine energy; sea-level change; marine research methods.

College

College of Sciences

Department

Department of Physics

GLY4734 - Coastal Processes
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: Junior standing or CI

Course Description

Processes along modern seacoasts; erosion and deposition; shoreline evolution and development; sea-level and climate change effects on shorelines; coastal morpho dynamics; coastal sediment transport.

College

College of Sciences

Department

Department of Physics

GRA - Graphic Design

GRA2101C - Introduction to Computer Art
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- Priority given to students whose major requires this course.

Course Description

The principles underlying the creation and display of digital images by computer. Topics include software packages and graphics systems.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

GRA2151C - Illustration**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- ART 2201C and ART 2300C.

Course Description

Pictorial and representational illustration using various media and techniques.

Current Fee Per Student

\$38.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

GRA3102C - Intermediate Graphic Design I**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- Acceptance in Graphic Design Specialization or C.I.

Corequisites

- GRA 3950 .

Course Description

Techniques and methods for studio projects used in the graphic design industry.

Current Fee Per Student

\$45.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

GRA3112C - Intermediate Graphic Design II**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- GRA 3102C or C.I.

Course Description

Further development of studio techniques and problems in graphic design with emphasis on digital prepress.

Current Fee Per Student

\$43.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

GRA3202C - Type & Design**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- ART 2201C, ART 2203C, ART 2300C, ART 2301C.

Course Description

A survey of type, calligraphy and letter forms and their appropriate use as subject matter for graphic design and publication.

Current Fee Per Student

\$15.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

GRA3747C - Intermediate Illustration I
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites/Corequisites

- ART 3950 or ART 3952 or GRA 3950

Course Description

Techniques, production processes, media and materials used to create illustration for works utilizing sequential visual narrative.

Current Fee Per Student

\$40.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

GRA3803C - Intermediate Computer Graphic Design
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- GRA 3102C

Course Description

Graphic design techniques and methods relating to web design and development.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

GRA3950 - Graphic Design Portfolio**Credits Hours**

0

Prerequisites

- ART 2201C, ART 2203C, ART 2300C, ART 2301C, GRA 2101C, ARH 2050, ARH 2051.

Course Description

Students permitted to enroll semester after successful completion of Graphic Design Portfolio review. This course is a corequisite for portfolio restricted Graphic Design major courses.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

GRA4154C - Advanced Illustration**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites/Corequisites

- ART 3950 or ART 3952 or GRA 3950

Course Description

Advanced techniques in the utilization of digital platforms to emulate traditional media.

Current Fee Per Student

\$45.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

GRA4196C - Advanced Graphic Design
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- GRA 3112C and GRA 3803C

Course Description

Practical studio problems, with emphasis on organization of visual design elements.

Current Fee Per Student

\$43.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

GRA4197C - Special Problems in Graphic Design
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- GRA 4196C.

Course Description

Capstone course in Graphic Design emphasizing the development of a professional portfolio.

Current Fee Per Student

\$45.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

GRA4209C - Type & Design II
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- GRA 3202C and GRA 3950

Course Description

Advanced techniques, production processes, media and materials used for the development of traditional and digital hand generated letterforms and typography.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

GRA4802C - Advanced Computer Graphic Design
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- GRA 3803C - Intermediate Computer Graphic Design Admission to Graphic Design track and GRA 3102C and GRA 3803C or Admission to Experimental Animation track and FIL 3734C

Course Description

Graphic design techniques and methods related to motion graphics.

Current Fee Per Student

\$15.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

HAI - Haitian Language

HAI1100C - Elementary Haitian Creole & Culture I
Credits Hours

4

Lab/Studio/Field Work Hours

1

Course Description

Introduces students to Haitian Creole culture through the major language skills: listening, speaking, reading and writing. Only for students with no experience in this language.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

HAI1101C - Elementary Haitian Creole & Culture II
Credits Hours

4

Lab/Studio/Field Work Hours

1

Prerequisites

- Complete all of the following
 - Complete the following:
 - Course Not Found
 - Or Equivalent

Prerequisites/Corequisites

- See above

Course Description

Further introduce students to the major language skills: speaking, listening, reading and writing. Focuses on helping students experience the Haitian culture.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

HAT - Haitian Culture in Translation

HAT3504 - Creole Women Writers in Translation
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or C.I.

Course Description

Overview of Creole Caribbean women's writing from the early nineteenth century to the present day.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

HBR - Modern Hebrew Language

HBR1120 - Modern Israeli Hebrew I
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- none

Course Description

Teaches basic language skills; listening, speaking, reading and writing with an emphasis on the practical knowledge of Hebrew as used in modern Israel.

College

College of Arts and Humanities

Department

Department of History

HBR1121 - Modern Israeli Hebrew II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HBR 1120 or equivalent.

Course Description

A continuation of the basic language skills; listening, speaking, reading and writing with an emphasis is on the practical knowledge of Hebrew as used in modern Israel.

College

College of Arts and Humanities

Department

Department of History

HBR2200 - Intermediate Modern Israeli Hebrew I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HBR 1121 or equivalent.

Course Description

Designed to continue the study of Modern Hebrew; increase proficiency in conversation, reading and writing skills, and further expose students to the modern Israeli culture.

College

College of Arts and Humanities

Department

Department of History

HBR2201 - Intermediate Modern Israeli Hebrew II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HBR 2200.

Course Description

Further development of modern Hebrew language skills in listening, speaking, reading, and writing as used in modern Israel.

College

College of Arts and Humanities

Department

Department of History

HBR3250 - Biblical Hebrew
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HBR 1121 or C.I.

Course Description

Grammatical and syntactical structure of Biblical Hebrew.

College

College of Arts and Humanities

Department

Department of History

HBR3410 - Conversational Israeli Hebrew
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HBR 1120, HBR 1121 or equivalent, C.I.

Course Description

Study and practice of contemporary conversational Israeli Hebrew.

College

College of Arts and Humanities

Department

Department of History

HCW - Haitian Creole Literature

HCW3024 - Haitian Literature and Culture
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or C.I.

Course Description

Literature and culture of Haiti from as early as the nineteenth century to today.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

HFT - Hotel and Restaurant

HFT1000 - Introduction to the Hospitality and Tourism Industry**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

An orientation to the hotel, restaurant, and travel industry, and its history, structure, and operating procedures.

College

Rosen College of Hospitality Management

Department

Department of Hospitality Services

HFT2071 - Introduction to the Entertainment Industry**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

The course provides students with core knowledge about the diverse and dynamic entertainment industry.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT2220 - Hospitality Human Resources Management**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Application of strategic principles of human resources to the hospitality tourism setting.

College

Rosen College of Hospitality Management

Department

Department of Hospitality Services

HFT2254 - Lodging Operations**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 1000

Course Description

Basic principles of operating a lodging facility including accounting, housekeeping, engineering, front desk, and guest services.

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

HFT2401 - Hospitality Industry Financial Accounting**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ECO 2013 or ECO 2023, and MAC 1105C.

Course Description

Basic understanding of financial accounting and specifically hospitality industry accounting concepts and procedures used in hotels, restaurants and clubs.

College

Rosen College of Hospitality Management

Department

Department of Hospitality Services

HFT2434 - Introduction to Professional Tennis Management**Credits Hours**

3

Prerequisites

- n/a

Course Description

This course provides insight into the tennis industry and will include an overview of the management, operation, and maintenance of tennis venues (3 credits; elective; occasional)

College

Rosen College of Hospitality Management

Department

Hospitality Operations Department

HFT2500 - Hospitality and Tourism Marketing**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 1000.

Course Description

The application of marketing concepts to the Hospitality and Tourism Industry. Special emphasis on marketing planning and strategic marketing.

College

Rosen College of Hospitality Management

Department

Department of Hospitality Services

HFT2563 - Digital Marketing in Entertainment**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 2071.

Course Description

This course examines the marketing cycle and process, technology's influence on entertainment marketing, and the highly time-sensitive nature of the entertainment marketplace.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT2750 - The Event Industry**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Overview of meetings, conventions, special events and exhibitions including the roles of organizations and people involved in the businesses that comprise this industry.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT2843 - Sanitation in the Food Service Industry**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Causes and prevention of food spoilage and food borne illnesses. Includes National Restaurant Association (NRA) certification.

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

HFT3005 - Introduction to Hospitality and Senior Living Industries**Credits Hours**

3

Course Description

An orientation to the hospitality and senior living industries and their history, structure operating procedures, growth and future direction.

College

Rosen College of Hospitality Management

Department

Hospitality Operations Department

HFT3014 - Wellness Management in Hospitality and Tourism**Credits Hours**

3

Prerequisites

- HFT 1000

Course Description

Insights into management and consumption of wellness practices in food service, hospitality and tourism businesses

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

HFT3068 - History and Culture of Beer**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 1000 or ENC 1101

Course Description

The history of beer and brewing, its impact on the development of civilization, and importance to global cultures from ancient times to the present day.

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

HFT3075 - Sustainability in Hospitality and Tourism**Credits Hours**

3

Prerequisites

- HFT 1000 Introduction to Hospitality and Tourism or equivalent.

Course Description

Covers principles and practices of sustainability in hospitality and tourism organizations; lectures, class discussions, and group project analysis presentations.

College

Rosen College of Hospitality Management

Department

Department of Hospitality Services

HFT3224 - Hospitality Management & Leadership Fundamentals**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 1000 or C.I.

Course Description

Principles of hospitality and tourism industry management and leadership; covers foundational concepts of service industry management and leadership.

College

Rosen College of Hospitality Management

Department

Department of Hospitality Services

HFT3263 - Restaurant Management
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 1000, FSS 2221C, and junior standing.

Course Description

Discussion of the topics integral for the successful management of restaurant and food service organizations.

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

HFT3273 - Principles of Resort Timesharing
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 1000.

Course Description

Principles of resort timeshare operations and ownership.

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

HFT3353 - Golf Planning & Operations I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Customer relations concepts, an effective golf instruction program, and characteristics of effective merchandising & inventory procedures.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT3354 - Agronomy for Golf Course Management**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 3353.

Course Description

Primary roles and responsibilities of the golf course superintendent.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT3357 - Sport and Club Event Operations
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- n/a

Course Description

The course will inspect and develop multiple forms of planning and organizing sport and club events of all types.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT3364 - Dynamic Marketing of Sporting Events

Credits Hours

3

Prerequisites

- HFT 3391 Experiences in Sporting Events

Course Description

Reviews the marketing of sporting events focusing on the consumers, participants, sponsors, destinations, and macro environmental factors.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT3375 - Entertainment Business
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 2071 and HFT 2401.

Course Description

The course examines business models in the various subsectors of the entertainment industry with a focus on financial, marketing, human resources, and value proposition.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT3384 - Sport and Club Enterprise Management
Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

Comprehensive examination of sport and club management industry, its related national and international associations, and career path opportunities.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT3391 - Experiences in Sporting Events
Credits Hours

3

Prerequisites

- HFT 1000

Course Description

A study of sporting event experiences with an emphasis on engagement, industry trends, and technological advances impacting the fan experience.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT3395 - Entertainment Technology and Innovation**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 2071 and HFT 2563.

Course Description

The course surveys the past, present, and future of the entertainment industry and the myriad of technological and social innovation forces transforming the industry.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT3431 - Hospitality Industry Managerial Accounting**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ECO 2013 or ECO 2023, and MAC 1105C and HFT 2401.

Course Description

Presentation, interpretation, and analysis of internal and external hospitality industry financial reports affecting management decisions using hospitality industry systems of accounting.

College

Rosen College of Hospitality Management

Department

Department of Hospitality Services

HFT3443 - Event Technology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 2750.

Course Description

Use of technology in the event industry to solidify processes and help people be more productive. Covers types of technology for different event processes.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT3444 - Hospitality Information Systems**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ECO 2013 or ECO 2023, and CGS 2100C, MAC 1105C, HFT 2254.

Course Description

Focuses on management functions and practices, information systems and technology in hospitality. Higher tech for higher touch building on computer literacy and operation knowledge.

College

Rosen College of Hospitality Management

Department

Department of Hospitality Services

HFT3447 - Database Management and Internet Security for Hospitality Organizations
Credits Hours

3

Prerequisites

- HFT 2254

Course Description

This course focuses on the applications of database management as well as an introduction to internet security issues in the hospitality industry.

College

Rosen College of Hospitality Management

Department

Department of Hospitality Services

HFT3463 - Revenue Strategies in the Entertainment Industry
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 2401 and HFT 2071.

Course Description

The course teaches principles and skills for fundraising, sales, sponsorships, and relationship management to maximize revenue opportunities in different sectors of the entertainment industry.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT3465 - Applied Quantitative Analysis for the Hospitality and Tourism Industry
Credits Hours

3

Prerequisites

- Mac 1105C College Algebra OR MGF 1106 Finite Mathematics OR MGF 1107

Course Description

Relating the working knowledge of mathematical and statistical techniques to the analysis of the performance of Hospitality and Tourism businesses.

College

Rosen College of Hospitality Management

Department

Department of Hospitality Services

HFT3505 - Social Media Management in the Hospitality Industry**Credits Hours**

3

Prerequisites

- HFT 2254

Course Description

Understanding the fundamentals and best practices in hospitality social media management and marketing.

College

Rosen College of Hospitality Management

Department

Hospitality Operations Department

HFT3512 - Event Promotion**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 2750, and HFT 2500;.

Course Description

Promotion of events to sponsors, attendees, exhibitors and other participants.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT3519 - Event Services**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 2750 and HFT 2254.

Course Description

The acquisition and management of services integral to the success of events. The supply side of the event industry.

Current Fee Per Student

\$32.00

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT3523 - Event Sales**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 2500 and HFT 3519, or C.I.

Course Description

In-depth look at the sales process for events, including the development of requests for proposals, negotiation skills and sales strategies.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT3540 - Guest Services Management I
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ECO 2013 or ECO 2023, and MAC 1105C.

Course Description

The study of making decisions from the guest's point of view in the hospitality industry.

College

Rosen College of Hospitality Management

Department

Department of Hospitality Services

HFT3564 - Digital Marketing for Hospitality Organizations

Credits Hours

3

Prerequisites

- HFT 2254

Course Description

Examining digital marketing essentials in hospitality organizations. Different digital marketing tools such as email, mobile, and search engines are discussed.

College

Rosen College of Hospitality Management

Department

Hospitality Operations Department

HFT3593 - Consumer Behavior in Entertainment
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 2071, HFT 2563.

Course Description

The course explores entertainment consumption, influenced by personal, psychological, social, and cultural factors within the context of macro-environmental factors and marketing practices.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT3594 - Entertainment Brand Relations and Publicity
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 2071 - Introduction to the Entertainment Industry

Course Description

Surveys entertainment brand publicity efforts and activities for developing and maintaining relationships with different stakeholders in the highly dynamic and IT-dominated environment.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT3603 - Legal Environment in the Hospitality and Tourism Industry
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- C.I.

Course Description

Principles of law as related to the Hospitality/Tourism Industry.

College

Rosen College of Hospitality Management

Department

Department of Hospitality Services

HFT3654 - Hospitality Franchising
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 2254 or HFT 3263, HFT 2500, HFT 3431 and Junior standing.

Course Description

Addresses the legal requirements for franchising, contract rates, responsibilities, size, structure, and history.

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

HFT3670 - Hospitality and Event Risk Management**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 2500 and HFT 2750.

Course Description

Risk, crisis, and liability issues that may arise in the planning and management of special events, meetings, conventions, and exhibitions.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT3700 - Tourism Management**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 1000 and junior standing or C.I.

Course Description

Analysis of the tourism phenomenon in contemporary societies. An exploration of major concepts about tourism as an inter-linked industry composed of many sectors within both the private and public sectors.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT3748 - Events in Sport Tourism**Credits Hours**

3

Prerequisites

- HFT 3391 Experiences in Sporting Events

Course Description

Relationship between tourism and sport events with an emphasis on the triple bottom line of sustainable destination development.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT3770 - Cruise Line Operations and Management**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 1000 and junior standing or C.I.

Course Description

Understanding of cruise company operations and management. Shipboard organization and delivery of the cruise product to the guest.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT3785 - Management of Gaming Enterprises**Credits Hours**

3

Prerequisites

- HFT 2071 - Introduction to the Entertainment Industry

Course Description

Management of co-produced gaming and entertainment experiences such as video games, board games, card games and casinos.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT3795 - Leading in the Entertainment Industry**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 2071.

Course Description

The course challenges students to develop a personal leadership framework that can function successfully in the entertainment industry.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT3798 - Fairs and Festivals**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 2750.

Course Description

Evolution of modern day fairs and festivals.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT3811 - Beverage Sales, Marketing, and Distribution
Credits Hours

3

Prerequisites

- HFT 1000 or CI

Course Description

The complex world of beverage sales, marketing and distribution, including brand management, legal issues, and the roles of producers, importers, wholesalers, retailers, and hospitality outlets.

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

HFT3813 - Marketing Analysis in the Food Ind
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 2500 and HFT 3263.

Course Description

Applies marketing concepts and analytic tools to develop strategies for "real-life" marketing challenges in the food industry.

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

HFT3868C - History and Culture of Wine**Credits Hours**

3

Prerequisites

- HFT 1000 or CI; minimum age 21 on first day of class; students at least 18 but under 21 with CI.

Course Description

The role that wine has played in the history, culture, and religion of diverse civilizations.

Current Fee Per Student

\$70.00

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

HFT3893 - Gastronomy Tourism**Credits Hours**

3

Prerequisites

- HFT 1000 or ENC 1101

Course Description

A study of tourism where the primary motivator is consumption, appreciation and learning about food and beverages.

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

HFT3933 - Distinguished Lectures in Hospitality Management
Credits Hours

1

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 1000, Junior standing.

Course Description

First hand introduction to hospitality leaders, their perspectives on the segments they represent, and the breadth of those segments.

College

Rosen College of Hospitality Management

Department

Rosen College of Hospitality Management Dean's Office

HFT3940 - Internship I

Credits Hours

1 - 99

College

Rosen College of Hospitality Management

Department

Rosen College of Hospitality Management Dean's Office

HFT3949 - Cooperative Education

Credits Hours

0 - 5

Lab/Studio/Field Work Hours

5-Jan

Course Description

Provides paid, preprofessional work experience related to the students' major while they continue to attend school. Requires achievement of major-related learning objectives.

College

Rosen College of Hospitality Management

Department

Rosen College of Hospitality Management Dean's Office

HFT4065C - Fine Spirits Management**Credits Hours**

3

Prerequisites

- HFT 1000 or CI; minimum age 21 on first day of class; students at least 18 but under 21 with CI.

Course Description

History, production methods, regulations, and sensory profiles of major spirit categories and their sub-categories; cocktail techniques and classifications; and responsible vending practices.

Current Fee Per Student

\$45.00

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

HFT4067 - Wines of the World**Credits Hours**

3

Prerequisites

- HFT 1000 or CI

Course Description

The study of wine, including effects of terroir and vineyard/winery techniques on quality and style, major wine regions, legislation and labeling, food and wine pairing.

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

HFT4069 - The World of Distilled Spirits**Credits Hours**

3

Prerequisites

- HFT 1000 or ENC 1101

Course Description

Familiarize students with responsible vending practices, cocktail techniques and classifications, and the history, production, and flavor profiles of the major spirit categories.

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

HFT4206C - Hospitality Operations**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- Junior Standing or C.I.

Course Description

An integration of lodging and food service operations providing students with a comprehensive knowledge of these related content areas; food service lab component.

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

HFT4244 - Hospitality Managerial Decision-Making**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 2254 Lodging Operations and HFT 3263 Restaurant Management or C.I.

Course Description

Focus is on individual and collective factors hospitality managers should consider when making decisions, which affect the hospitality market, workplace, and ownership.

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

HFT4253 - Advanced Lodging Operations**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 2254, HFT 2500, HFT 3431, HFT 3603 and Junior Standing.

Course Description

Advanced case study course based on interaction with hotels, timeshares, shared ownership properties, and other sleeping accommodations. Exposes course participants to real life operational situations.

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

HFT4266 - Hospitality Brand Management**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 3263 or HFT 2254, and HFT 2500 and Junior standing or C.I.

Course Description

Exploration of the principles of brand management for restaurants and foodservice, hotels, timeshares and shared ownership properties.

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

HFT4268 - Restaurant Entrepreneurship**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 3263 and junior standing or C.I.

Course Description

Application of case study methodology to the topic of entrepreneurship as it relates to small and medium-sized restaurant and foodservice businesses.

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

HFT4272 - Leadership and Strategic Management in Hospitality and Senior Living Industry**Credits Hours**

3

Prerequisites

- HSA 3170 and senior standing

Course Description

Principles of leadership and strategic management in hospitality and senior living organizations; lecture, discussion, case analysis, scenario analysis, self-assessment, papers, and presentations.

College

Rosen College of Hospitality Management

Department

Hospitality Operations Department

HFT4274 - Resort Management**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 1000, HFT 2254, or C.I.

Course Description

Comprehensive analysis of applied theories, principles, and techniques in the management of hotels and shared ownership/timeshare properties.

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

HFT4275 - Development of Vacation Ownership Resorts**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 3273 and Junior standing.

Course Description

Comprehensive analysis of applied theories, principles, and techniques used in the planning and development of vacation resorts.

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

HFT4277 - Club Management
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 1000 and junior standing or C.I.

Course Description

A study of the history, development, operation and management of Clubs. Emphasis will be placed on operational aspects.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT4281 - Restaurant Leadership & Strat Mgt
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 3263 and Junior standing.

Course Description

Principles of strategic decision making in food related businesses

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

HFT4286 - Hospitality Communications**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 1000; HFT 2220; HFT 3444; HFT 3540 and Junior standing.

Course Description

Communication exchanges in the hospitality industry for effective presentations, conflict resolution, and report writing. Emphasis on inter departmental dependence by managers in hospitality enterprises in the areas of reading, writing, speaking, and listening.

College

Rosen College of Hospitality Management

Department

Department of Hospitality Services

HFT4292 - Hospitality Innovation & Entrepreneurship**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 2254 Lodging Operations and HFT 3263 Restaurant Management or C.I.

Course Description

Introduction to hospitality innovation and entrepreneurial practices with an emphasis on sourcing business ideas, evaluating potential, and recognizing barriers to success.

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

HFT4295 - Leadership and Strategic Management in Hospitality Industry
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Senior standing

Prerequisites/Corequisites

- HFT 4464.

Course Description

Principles of strategic decision making in various hospitality and tourism organizations; lectures, class discussions, and group case analysis presentations.

College

Rosen College of Hospitality Management

Department

Department of Hospitality Services

HFT4343 - Hospitality Facilities Management
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 1000, HFT 2254 and Junior standing; or C.I.

Course Description

Principles of facility planning, layout, design, and physical plant characteristics for hotels, timeshares and shared ownership properties, restaurants and foodservice and other hospitality related venues.

College

Rosen College of Hospitality Management

Department

Department of Hospitality Services

HFT4358 - Golf & Club Facility Design**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 4277.

Course Description

Golf course and golf facility design from a functional perspective and from a perspective of form.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT4371 - Events and Attractions Across Cultures**Credits Hours**

3

Prerequisites

- HFY 2071: Introduction to the Entertainment Industry OR HFT 2750 The Event Industry

Course Description

This course examines various types of events and attractions in the international setting. Students will observe and interact with these experiences on-site.

College

Rosen College of Hospitality Management

Department

Hospitality Operations Department

HFT4372 - Entertainment Across Cultures**Credits Hours**

3

Prerequisites

- HFT 2071: Introduction to the Entertainment Industry OR HFT 2750: The Event Industry

Course Description

This course offers a comprehensive examination of entertainment from an international perspective. Emphasis will be placed on firsthand experience of entertainment activities outside the US.

College

Rosen College of Hospitality Management

Department

Hospitality Operations Department

HFT4377 - Entertainment Production Management**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 3375, HFT 3463, HFT 3795, HFT 4623.

Course Description

The course examines the knowledge and skills necessary to design and execute a production plan, including development of concept, visual storytelling, budgeting, and scheduling.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT4378 - Entertainment Portfolio Management**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 2071, HFT 2563, HFT 3375, HFT 3395, HFT 3463, HFT 3593, HFT 3795, HFT 4377, HFT 4469, HFT 4623, and HFT 4626.

Course Description

The course covers management of diverse entertainment portfolios from different entertainment industry sectors, including talent, agents, personal/business managers, unions, publicist, lawyers, and venues.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT4394 - Event Operations
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Senior standing

Course Description

Planning and implementing a live event.

Current Fee Per Student

\$64.00

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT4398 - Entertainment Entrepreneurship
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 3375.

Course Description

The course focuses on the risk assessment, development, and management of entrepreneurial ventures in the entertainment industry.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT4413 - Technology Applications for Hospitality Management**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 3444

Course Description

Hospitality Information Systems. Provides students with fundamental information system concepts and techniques for effective applications to strategic thinking in hospitality organizations.

College

Rosen College of Hospitality Management

Department

Department of Hospitality Services

HFT4432 - Hospitality Industry Auditing**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 3431

Course Description

Hospitality Industry Managerial Accounting. Provides basic fundamentals of eliminating fraud and saving money through proper internal controls in the hospitality industry.

College

Rosen College of Hospitality Management

Department

Department of Hospitality Services

HFT4457 - Optimizing Profits in Food Ops**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 3263, HFT 3431, and Junior standing.

Course Description

Provides students realistic and contextually rich situations for understanding the cost elements and profit contributors in food operations.

College

Rosen College of Hospitality Management

Department

Department of Hospitality Services

HFT4464 - Hospitality Industry Finance**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 2401.

Course Description

Working knowledge of finance concepts and theories applicable to the Hospitality Industry including evaluating management contracts, franchising, and leasing.

College

Rosen College of Hospitality Management

Department

Department of Hospitality Services

HFT4468 - Revenue Management in the Hospitality Industry**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 2401, HFT 2254, HFT 2500, and HFT 3263.

Course Description

Revenue management practices, across multiple industry sectors, in hospitality and tourism organizations which include capacity management, demand and revenue forecasting, discounting, overselling, displacement, rate management.

College

Rosen College of Hospitality Management

Department

Department of Hospitality Services

HFT4469 - Financial Performance in Entertainment**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 3463 and HFT 3375.

Course Description

The course provides a working knowledge of finance concepts and theories applicable to the entertainment industry including financial transactions, capital budgeting, and financial simulations.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT4473 - Hospitality and Tourism Development**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 2254 or HFT 3263, HFT 2500, HFT 2401, and Junior standing.

Course Description

Review of conceptual development, design/layout, and construction of hotel, resort/recreation, restaurant, theme park, and conference/convention center projects for both domestic and global destinations.

College

Rosen College of Hospitality Management

Department

Department of Hospitality Services

HFT4522 - Resort Sales Tactics and Strategies**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 1000, HFT 2254, or C.I.

Course Description

Sales tactics and business-to-business strategies employed in the sales and marketing of resort hotels, timeshares, and shared ownership properties.

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

HFT4542 - Strategic Event Design**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: HFT 3519, HFT 3512, HFT 4802, HFT 3670

Course Description

The course focuses on the event planning process beginning with a needs assessment and ending with event evaluation.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT4561 - Destination Marketing & Management**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 3700.

Course Description

Covers principles, issues, strategies and processes in destination marketing and management including planning, developing, distributing and evaluating destination products, by managing relations with diverse stakeholders.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT4573 - Tourist Behavior**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: HFT 3700 Tourism Management

Course Description

Covers reasons for and results of consumption in tourism to better explain the drivers of both demand and supply in the tourism and hospitality industry

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT4614 - Risk Management in Theme Parks and Attractions**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 4755 and HFT 3603; or C.I.

Course Description

Examines principles and issues related to the nature and mitigation of risks at theme parks and attractions. Covers all theme park operating departments.

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

HFT4623 - Entertainment Law and Ethics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 2071.

Course Description

The course focuses on the main legal and ethical issues affecting the entertainment industry.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT4626 - Public Policy Issues in the Entertainment Industry**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 2071 and HFT 4623.

Course Description

The course examines the degree to which entertainment businesses are intertwined with government regulations and interventions. (3 credits)

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT4715 - Tourism Policy, Development & Sustainability**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 3700

Course Description

Covers public policy and governance topics that underpin the sustainable development of tourism and their impact on strategies adopted across different sectors of the industry.

College

Rosen College of Hospitality Management

Department

Department of Hospitality Services

HFT4732 - Tourism Impact Analysis**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 3700.

Course Description

Quantitative impact analysis of tourism as an industry in the regional/national economy along the tourism satellite accounts concept.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT4735 - Tourism Geography**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 3700 and junior standing or C.I.

Course Description

A seminar discussing the main geographical tourism destinations in U.S. and the World.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT4736 - Destination Management**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 3700.

Course Description

Principles and issues related to destination management; strategies and processes involving design, operations, distribution, networking and impact of tourism at the destination.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT4749 - Research in Sport Tourism**Credits Hours**

3

Prerequisites

- HFT 3391 Experiences in Sporting Events

Course Description

Overview of research studying the issues related to the demand and supply side aspects of sport event tourism.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT4751 - Managing the Employee Experience in the Theme Park and Attraction Industry**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 4755 and junior standing or C.I.

Course Description

Managing staffing needs, supervision, communication, legal compliance, and retention in the theme parks and attraction industry.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT4752 - Managing the Guest Experience in the Theme Park and Attraction Industry
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 4755.

Course Description

The management of guest needs and expectations in theme parks and attractions

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT4754 - Exhibit and Trade Show Operations
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 2750 or C.I.

Course Description

Provides an in-depth study of exhibit and trade show operations. Focuses on both supply and demand pertaining to exhibits and trade shows.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT4755 - Theme Park and Attraction Management
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 1000 and junior standing or C.I.

Course Description

An in-depth study of the theme park and attraction industry, focusing on resources, ride operations, merchandising, food services, and architectural design

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT4757 - Event Tourism Strategies

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- All courses in the Event Management core.

Course Description

The course focuses on the development, design, and evaluation of events that meet stakeholder needs and expectations. It incorporates a case study approach and requires 20 event volunteer hours approved by the professor.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT4758 - Operational Issues in the Theme Park and Attraction Industry
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 4755.

Course Description

Organizational structure and operational culture of theme parks and attractions

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT4759 - Product Development in Theme Parks and Attractions
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 4755 and junior standing or C.I.

Course Description

The strategic management process associated with product development in the theme parks and attraction industry.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT4762 - Current Practices in the Airline Industry**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing.

Course Description

A survey of the U.S. and International airline industry. Emphasis on the organization and management functions of the airlines.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT4795 - Entertainment Arts and Events**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Complete 1 of the following
 - Complete the following:
 - HFT2071 - Introduction to the Entertainment Industry (3)
 - Or
 - Complete the following:
 - HFT2750 - The Event Industry (3)

Prerequisites/Corequisites

- Rule Not Selected

Course Description

The course offers a comprehensive look at entertainment events with a focus on show development, event production, the creative process, casting, costuming, staffing, and evaluation.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT4796 - International Events**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 2750.

Course Description

Considerations when planning events that are held outside of the United States or that attract a large number of participants from outside the United States.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT4802 - Catering Sales Management**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 2750, HFT 3523, HFT 3670, and FSS 2284C, or C.I.

Course Description

The catering manager's role in the catering sales process. Emphasis on market segments, customer relationships, menu planning, financial impact, internal communication/documentation and event oversight.

Current Fee Per Student

\$45.00

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT4856 - Event Food and Beverage Strategies**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HFT 3523 and HFT 3431 or CI.

Course Description

The course covers strategies required of event professionals tasked with the development and coordination of food and beverage functions in a variety of venues and settings.

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

HFT4861 - Beverage Management**Credits Hours**

3

Prerequisites

- HFT 1000 or ENC 1101

Course Description

The origin production, storing, marketing, and control of beverages in the hospitality industry.

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

HFT4864C - Seminar in Quality Brewing and Fine Beer**Credits Hours**

3

Prerequisites

- HFT 1000 or CI; minimum age 21 on first day of class; students at least 18 but under 21 with CI.

Course Description

The production and service of malt beverages.

Current Fee Per Student

\$45.00

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

HFT4865C - Advanced Wine Management**Credits Hours**

3

Prerequisites

- HFT 4067 or HFT 4866C; or ENC 1101 and CI; minimum age 21 on first day of class. Students at least 18 but under 21 with CI.

Course Description

Advanced study of viticulture, enology and wine regions of the world.

Current Fee Per Student

\$70.00

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

HFT4866C - Exploring Wines of the World**Credits Hours**

3

Prerequisites

- HFT 1000 or CI; minimum age 21 on first day of class; students at least 18 but under 21 with CI.

Course Description

Using senses to evaluate wines, methodology of tasting and evaluating wines, growing, processing, and production of grape varieties used in making wine.

Current Fee Per Student

\$70.00

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

HFT4894 - International Gastronomy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FSS 2221C, HFT 1000, and C.I.

Course Description

A world view of culture and cuisine that includes an international travel component.

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

HFT4941 - Internship II**Credits Hours**

1 - 99

College

Rosen College of Hospitality Management

Department

Rosen College of Hospitality Management Dean's Office

HFT4944 - Internship III**Credits Hours**

1 - 99

College

Rosen College of Hospitality Management

Department

Rosen College of Hospitality Management Dean's Office

HFT4949 - Cooperative Education**Credits Hours**

0 - 5

Lab/Studio/Field Work Hours

5-Jan

Course Description

Provides paid, preprofessional work experience related to the students' major while they continue to attend school. Requires achievement of major-related learning objectives.

College

Rosen College of Hospitality Management

Department

Rosen College of Hospitality Management Dean's Office

HIM - Health Information Management

HIM3006 - Foundations of Health Information Management (HIM)**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102.

Course Description

Foundation of profession; health record structure and content; data privacy/HIPAA; electronic health records; information governance; reimbursement methodologies; health information exchange; policy and procedure concepts.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HIM3116 - Health Record Organization & Management**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HIM 3006 and acceptance into the upper-division limited access HIIM program

Course Description

Nomenclatures/classification systems; health and vital statistics; data analysis and presentation; indexing; computer abstracting; accrediting and approving agencies; medical staff organization.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HIM3806C - Professional Practice Experience I**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- Admission to HIIM program.

Corequisites

- HIM 3006 and HSC 3537.

Course Description

Virtual hospital tour; introduction to AHIMA, HIM profession and networking; accreditation standards; database concepts; personal health records; record storage; retention and retrieval; confidentiality and release of information.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HIM4226C - ICD Diagnosis Coding**Credits Hours**

5

Lab/Studio/Field Work Hours

4

Prerequisites

- HSC 3537 or C.I.

Course Description

Principles and mechanics of diagnosis coding for inpatient health information retrieval; ICD-10-CM; clinical documentation improvement; DRGs; encoders.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HIM4243 - Value Based Reimbursement**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HIM 4226C or consent of instructor

Course Description

Coding and reimbursement practices relevant to clinical documentation improvement: Prospective payment systems; inpatient diagnostic and procedure coding; risk adjustment coding; hierarchical condition categories; compliance, auditing.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HIM4256C - Outpatient Procedural Coding and Reimbursement
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- HSC 3537 or C.I.

Course Description

Principles and mechanics of coding systems for outpatient health information retrieval; CPT/HCPCS; APCs; encoders.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HIM4344C - Health Information Department Management
Credits Hours

4

Lab/Studio/Field Work Hours

2

Prerequisites

- HIM 3116C or HIM 4624; or C.I.

Course Description

Personnel administration; work distribution and simplification; project and database design; software selection; ergonomics and space planning.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HIM4508C - Quality Management
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- HSC 3537 or C.I.

Course Description

Principles and mechanics of quality improvement; application of quality management tools; benchmarking methods and data quality monitoring programs.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HIM4624 - Health Data Management
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Acceptance into HIIM program or CI.

Prerequisites/Corequisites

- STA 2023 or 2014

Course Description

Health care statistics, data analytics and data usage specific to health informatics and information management will be explored in depth.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HIM4656C - Health Information Management Systems**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites/Corequisites

- HIM 3006.

Course Description

Creation and improvement of health related information systems; health record data management; systems design and analysis; project management concepts.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HIM4676 - Professional Development and Issues in Health Information Management**Credits Hours**

3

Prerequisites

- HIM 4344C

Course Description

Problem-solving techniques; professional ethics; credential preparation.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HIM4726 - ICD Procedure Coding**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ZOO 3733C - Human Anatomy and HSC 3537 - Medical Terminology

Course Description

This course introduces students to the International Classification of Diseases Procedural Coding System, the structure of codes, and how to build codes using coding guidelines.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HIM4816C - Professional Practice Experience II**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- HIM 3806C

Corequisites

- HIM 4226C, HIM 4256C, and HIM 4344CHIM 4508C - Quality Management.

Course Description

Health records and data content; coding and clinical documentation improvement; revenue cycle management; compliance; privacy and confidentiality; human resources.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HIM4838 - Management Affiliation
Credits Hours

3

Lab/Studio/Field Work Hours

9

Prerequisites/Corequisites

- HIM 4676 and HIM 4816C.

Course Description

Assignment to a selected health care facility serving in an administrative capacity under the direction of a Registered Health Information Administrator or other Healthcare professional.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HIM4998 - Internship Orientation
Credits Hours

0

Lab/Studio/Field Work Hours

0

Prerequisites

- HIM 4816C.

Corequisites

- HIM 4816C.

Prerequisites/Corequisites

- HIM 4816C.

Course Description

An orientation course designed to ensure students fully prepare for, identify and secure an ideal HIIM internship.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HIS - General History and Histriography

HIS3081 - History Museums & Digital Spaces**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 and AMH 2020 or C.I.

Course Description

Introduces students to the principles, theories and methods related to curating historical objects, content and photos in a modern media environment.

College

College of Arts and Humanities

Department

Department of History

HIS3090 - Introduction to Historic Preservation**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: AMH 2010/AMH 2020 sequence, and EUH 2000/EUH 2001 or WOH 2012/WOH 2022 sequence or C.I.

Course Description

Introduces students to historic preservation practice and theory using domestic and international examples.

College

College of Arts and Humanities

Department

Department of History

HIS3462 - History of Science
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EUH 2000 and EUH 2001 or C.I.

Course Description

Examines past and present science, scientific thought, and the relationship between science and society.

College

College of Arts and Humanities

Department

Department of History

HIS3600 - Professionalizing History Majors
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 and AMH 2020, or EUH 2000 and EUH 2001, or WOH 2012 and WOH 2022 or C.I.

Course Description

To enhance the role of History professionals in civic life and careers.

College

College of Arts and Humanities

Department

Department of History

HIS3930H - ST: Honors The City as Text
Credits Hours

1 - 99

Lab/Studio/Field Work Hours

0

Prerequisites

- Consent of Honors

Course Description

Study of theory and history of urban spaces, focusing on Orlando and Central Florida. With Honors content.

College

College of Arts and Humanities

Department

Department of History

HIS3949 - Cooperative Education in History
Credits Hours

0 - 99

Lab/Studio/Field Work Hours

8

Prerequisites

- Departmental permission required before registering.

Course Description

Cooperative education experience in history.

College

College of Arts and Humanities

Department

Department of History

HIS4065 - Public History: Principles & Techniques**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2020 or C.I.

Course Description

Practice of public history including historic preservation, museum studies, archival management, oral history, digital history, historical editing, and conservation science.

College

College of Arts and Humanities

Department

Department of History

HIS4070 - Oral History**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Either AMH 2010, AMH 2020 or C.I.

Course Description

Theories and practices of oral history. Field work required.

College

College of Arts and Humanities

Department

Department of History

HIS4150 - History and Historians**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- C.I.

Course Description

A study of European and/or American historiography.

College

College of Arts and Humanities

Department

Department of History

HIS4166 - Spatial Histories, Digital Storytelling**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: Grade of C (2.0) or better required in ENC 1102 or AMH 2020, or C.I.

Course Description

An approach to the human past which investigates and represents the places and spaces in which events occurred, using common spatial storytelling tools.

College

College of Arts and Humanities

Department

Department of History

HIS4323 - History of the Future
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EUH 2000 and EUH 2001.

Course Description

Past visions of the future and how they were influenced by issues relevant to the period. Emphasis on 19th and 20th centuries.

College

College of Arts and Humanities

Department

Department of History

HIS4490 - History of Medicine
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 or AMH 2020.

Course Description

The history of medicine and its relationship to culture and society from the Ancient World to the present.

College

College of Arts and Humanities

Department

Department of History

HIS4944 - Internship in Public History
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- C.I.

Course Description

The Public History Internship is a one-semester course in which undergraduate history majors explore and gain experience in public history professions.

College

College of Arts and Humanities

Department

Department of History

HIS4959 - History Portfolio
Credits Hours

0

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" or better in HIS 4150 and Senior standing.

Course Description

In the term they are graduating, History B.A. students revise their portfolio and submit for approval.

College

College of Arts and Humanities

Department

Department of History

HIS4970H - Honors Undergraduate Thesis
Credits Hours

1 - 99

College

College of Arts and Humanities

Department

Department of History

HLP2701 - Peer Education Training
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore standing and C.I.

Course Description

Strategies for teaching life skills and health education information for secondary students and college age peers

College

College of Community Innovation and Education

Department

School of Teacher Education

HSA - Health Services Administration

HSA2117 - Civic Engagement in the US Healthcare System
Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

This course provides an overview of the fundamental principles and concepts of US healthcare policy, delivery, social determinants of health, and how services are distributed.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HSA2932 - Civic Engagement in the US Healthcare System
Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

Students will understand their role and the process, by which healthcare resources are allocated and will analyze the historical and contemporary approaches to healthcare delivery.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HSA3012 - Issues & Trends in Public Health
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore standing and (CGS 1060C or CGS 2100C).

Course Description

The American public health system, looking at the historical, present day, and future organization and management of all its components.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HSA3104 - Health Services Administration Cornerstone
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- (CGS 1060C or CGS 2100C) and Junior Standing, or C.I.

Course Description

Heighten the overall student awareness about the Health Services Administration Field, provide a foundation or framework to guide students through the major.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HSA3111 - U.S. Health Care Systems

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- (CGS 1060C or CGS 2100C) and Sophomore Standing.

Course Description

A survey of the economics, social, and political aspects of the health care system in the United States.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HSA3170 - Health Care Finance**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HSA majors

Corequisites

- ACG 2021 or HFT 2401; and ACG 2071 or HFT 3431; non-HSA majors: ACG 2021 HFT 2401; and ACG 2071 or HFT 3431.

Course Description

Budgeting and resource allocation related to health care agencies.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HSA3222 - Long Term Care and Administration**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HSA major and Sophomore standing, or C.I.

Course Description

Organization and functioning of long-term care administration. Covers long-term care providers, interaction in long-term care continuum, managing long-term care and future issues.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HSA3423 - Health Law**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HSA or HIIM major, and HIM 3006, or C.I.

Course Description

Principles of law as applied to the health field, with special reference to health practices and information management.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HSA3430 - Health Care Economics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HSA 3111; ECO 2023; or C.I.

Course Description

To provide an application of economic principles to analyze how different economic incentives affect patients, providers, and policy makers behaviors in the delivery of health services.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HSA4003 - The Patient Experience from an Administrator's Perspective**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: ENC 1102

Course Description

Evaluating patient experience, such as effectiveness and safety of care, is essential to providing a complete picture of health care quality for a healthcare administrator.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HSA4109 - Principles of Healthcare Reimbursement, Insurance, and Managed Care Plans**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HSA 3111 or C.I.

Course Description

Course will introduce the contractual, financial, and practice pattern components of managed care.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HSA4180 - Organization & Management for Health Agencies I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HSA 3111 or admitted to HIIM program.

Course Description

Management of health care organizations, strategic planning, healthcare economics, and healthcare financial management.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HSA4184 - Organization & Management for Health Agencies II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HSA 3111 and HSA 4180, or C.I.

Course Description

Management of health care organizations including hospitals, long term care facilities, and medical group practices.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HSA4191 - Fundamentals of Health Information Technology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HSA 3111; CGS 2100C, or CGS 1060C; or C.I.

Course Description

The origin, evolution and application of health information technology in today's healthcare industry.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HSA4220 - Long Term Patient Management
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HSA 3111.

Course Description

Concepts and process of patient care planning and management in a long term care facility.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HSA4502 - Risk Management Systems**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HSA 3111 or C.I.

Course Description

Safety, liability and loss control issues with emphasis on risk retention, risk reduction and risk transfer in health care.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HSA4702 - Health Sciences Research Methods**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- (STA 2014 or STA 2023) and Junior Standing, or C.I.

Course Description

Introduction to research design in the Health Sciences, including design, literature review, testing, analysis, and conclusions.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HSA4850 - Health Services Administration Internship**Credits Hours**

1 - 99

Prerequisites

- HSA 4853, 2.75 Major GPA, 90 overall credit hours, 24 HSA credit hours, approval of the Internship Director.

Course Description

150 hour minimum administrative experience in an approved health care organization.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HSA4853 - Internship Orientation**Credits Hours**

0

Lab/Studio/Field Work Hours

0

Prerequisites

- 90 overall credit hours

Course Description

This prerequisite for HSA 4850 provides critical information for the internship search. The course must be completed no more than one semester prior to the internship.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HSA4939 - Health Services Administration Capstone
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HSA major and senior standing, HSA 3170, HSA 3430.

Course Description

Capstone course applies healthcare administration theory to a healthcare organization. Students will integrate previous coursework to evaluate an existing healthcare organization.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HSC - Health Science

HSC1931C - Foundations of Leadership
Credits Hours

2

Lab/Studio/Field Work Hours

1

Prerequisites

- LEAD Scholars Program.

Course Description

Seminar for LEAD Scholars in the College of Health & Public Affairs providing a foundation of leadership, scholarship, and service regarding disciplines in the college.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HSC2000 - Introduction to Careers in Health Professions**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Freshman and Sophomores only.

Course Description

A survey of careers in health professions with regard to duties, responsibilities, education and training, ethics, and relationships with other health professionals.

College

College of Health Professions and Sciences

Department

Department of Health Sciences

HSC2524 - Introduction to Human Disease**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- BSC 2010C with a grade of "C" (2.0) grade or better.

Course Description

Basic concepts and mechanisms related to the understanding of human disease.

College

College of Health Professions and Sciences

Department

Department of Health Sciences

HSC2921 - LEAD Colloquium**Credits Hours**

2

Lab/Studio/Field Work Hours

0

Prerequisites

- Accepted to the LEAD

Course Description

Scholars Program and have completed at least two of the following with a B (3.0) or better: HSC 1931C, EGS 1036C, IDS 1040C, GEB 1091C or EDG 1005C. Experiential leadership in an appropriate setting with the LEAD Scholars Program.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HSC3102 - Foundations of Health Behavior**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- STA 2023 with a grade of "C" (2.0) or better and junior standing

Course Description

Primary health behavioral theories, how to develop health promotion campaigns through behavioral modeling, and the foundations for conducting ethically-sound behavioral health research.

College

College of Health Professions and Sciences

Department

Department of Health Sciences

HSC3110 - Medical Self Assessment**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore Standing.

Course Description

Development of clinical skills and understanding of one's health to encourage active participation of individuals in their own healthcare.

College

College of Health Professions and Sciences

Department

Department of Health Sciences

HSC3147 - Introduction to Pharmacology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- BSC 2010C with a grade of "C" (2.0) or better and sophomore standing.

Course Description

Basic concepts of pharmacology including terminology, regulations and use of drugs in human disorders.

College

College of Health Professions and Sciences

Department

Department of Health Sciences

HSC3211 - Preventive Health Care
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PCB 3703C with a grade of "C" (2.0) or better.

Course Description

Preventive healthcare in the U.S., including current recommendations and guidelines to prevent disease and application of preventive interventions to specific chronic diseases.

College

College of Health Professions and Sciences

Department

Department of Health Sciences

HSC3432 - Occupational Safety for the Health Care Professional
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ZOO 3733C and PCB 3703C each with a grade of "C" (2.0) or better.

Course Description

Issues surrounding the healthcare environment and the risks associated with working there.

College

College of Health Professions and Sciences

Department

Department of Health Sciences

HSC3537 - Medical Terminology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 and Sophomore status.

Course Description

A study of the language of medicine and allied health specialties, including word construction, definitions, and application of terms.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HSC3559 - Disabilities in American Society**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior or senior status.

Course Description

Personal, social, and environmental impediments confronted by persons with disabilities, including communicative disorders. Strategies that promote life satisfaction are also reviewed.

College

College of Health Professions and Sciences

Department

School of Communication Sciences and Disorders

HSC3593 - HIV Disease: A Human Concern**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Analysis of the spectrum of HIV disease and the issues surrounding this public health crisis.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HSC4008 - Professional Development in Health Professions**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 and Junior Standing.

Course Description

Career development planning, professional leadership approaches to problem solving, regulatory and professional requirements.

College

College of Health Professions and Sciences

Department

Department of Health Sciences

HSC4158 - Medical Pharmacology I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- BSC 2010C and CHM 2045C each with a grade of "C" (2.0) or better.

Course Description

General pharmacological principles such as regulations, prescriptions, routes of administration, drug mechanism of action, indications/contraindications, and the side effects.

College

College of Health Professions and Sciences

Department

Department of Health Sciences

HSC4159 - Medical Pharmacology II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HSC 4158 with a grade of "C" (2.0) or better.

Course Description

Mechanism of drug action used in treatment of the nervous, cardiovascular, endocrine, and immune systems.

College

College of Health Professions and Sciences

Department

Department of Health Sciences

HSC4201 - Community Health
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 and Junior Standing, or C.I.

Course Description

Historical, sociocultural and economic factors in community health; current community health problems; interphase of governmental, voluntary and private agencies.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HSC4500 - Epidemiology

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HSA 3111 and (STA 2014 or STA 2023), or C.I.

Course Description

A study of the distribution and determination of diseases and injuries in human population.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HSC4501 - Epidemiology of Chronic Diseases**Credits Hours**

3

Prerequisites

- STA 2023

Course Description

Epidemiology of chronic diseases including risk factors, etiology, mortality and morbidity as they relate to clinical practice, research, and intervention.

College

College of Health Professions and Sciences

Department

Department of Health Sciences

HSC4553 - Concepts in Pathophysiological Diagnosis**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- (HSC 4555 or HSC 4558) with a C (2.0) grade or better, and Senior standing.

Course Description

Basic principles of diagnosis with a focus on methodology and relevance to pathophysiology.

College

College of Health Professions and Sciences

Department

Department of Health Sciences

HSC4555 - Pathophysiology I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ZOO 3733C and PCB 3703C each with a grade of "C" (2.0) or better.

Course Description

Abnormalities in physiologic functioning of the human body, with focus on the etiology, pathogenesis and clinical manifestations of the immune, cardiovascular, respiratory, and renal systems.

College

College of Health Professions and Sciences

Department

Department of Health Sciences

HSC4558 - Pathophysiology II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PCB 3703C and ZOO 3733C each with a grade of "C" (2.0) or better.

Course Description

Abnormalities in physiologic functioning of the human body, with focus on the etiology, pathogenesis and clinical manifestations of the digestive, hepatobiliary, nervous, endocrine, and musculoskeletal systems.

College

College of Health Professions and Sciences

Department

Department of Health Sciences

HSC4564 - Health Care Needs of the Elderly
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HSA 3111 or C.I.

Course Description

Overview of the physical and emotional needs of the elderly, including the institutional health care available.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HSC4572 - Clinical Nutrition
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HUN 2201 with a grade of "C" (2.0) or better.

Course Description

Basic principles of both normal and medical nutrition therapy associated with health and chronic diseases of public health importance.

College

College of Health Professions and Sciences

Department

Department of Health Sciences

HSC4652 - Health Law and Ethics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 and Junior Standing, or C.I.

Course Description

Overview of the legal and ethical issues faced by health care consumers, practitioners, administrators and health care facilities.

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

HSC4703 - Clinical Documentation for Health Care Professions**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior or senior standing; HSC 3147 and HSC 4555 or HSC 4558

Course Description

Development of clinical documentation skills for aspiring health care professionals.

College

College of Health Professions and Sciences

Department

Department of Health Sciences

HSC4730 - Applied Health Research Methodology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- STA 2023 with a grade of "C" (2.0) or better and junior standing.

Course Description

Clinical research issues including: clinical research questions, protocol, patient safety, IRB, ethics and patient rights.

College

College of Health Professions and Sciences

Department

Department of Health Sciences

HSC4813 - Instructional Experiences in Health Sciences**Credits Hours**

1

Prerequisites

- Health Sciences major with junior or senior standing, ≥ 3.0 overall GPA, grade of A/A- in course for which student will serve as a teaching assistant, completion of application process and subsequent selection based on established criteria and availability of undergraduate teaching assistant positions.

Course Description

Engages students in professional and career development skills that includes a service learning component whereby students facilitate peer learning in health sciences courses.

College

College of Health Professions and Sciences

Department

Department of Health Sciences

HSC4930 - Health Sciences Seminar
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Senior standing and Health Sciences major

Course Description

Career and graduate school preparation, and applications of clinical and translational research in healthcare.

College

College of Health Professions and Sciences

Department

Department of Health Sciences

HSC4943 - Health Sciences Internship
Credits Hours

3

Lab/Studio/Field Work Hours

12-Sep

Prerequisites

- Junior standing, 3.0 overall GPA, HSC 4555 or HSC 4558, and approval of the Program Director.

Course Description

Provides students with an opportunity to apply their academic knowledge in various professional healthcare environments. Internship sites include clinical shadowing, research, and other community outreach opportunities.

College

College of Health Professions and Sciences

Department

Department of Health Sciences

HUM - Humanities

HUM2020 - Encountering the Humanities**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

The range of ideas, research methods and approaches to scholarship, critical reflection, and creative work in the humanities.

College

College of Arts and Humanities

Department

Department of Philosophy

HUM2020H - Honors Encountering the Humanities**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Consent of Honors.

Course Description

The range of ideas, research methods and approaches to scholarship, critical reflection, and creative work in the humanities with honors content.

College

College of Arts and Humanities

Department

Department of Philosophy

HUM2210 - Studies in Culture: Ancient to 17th Century**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

An interdisciplinary, multicultural study of the arts and sciences, focusing on ancient civilizations and the cultural heritage stemming from them.

College

College of Arts and Humanities

Department

Department of Philosophy

HUM2230 - Studies in Culture: 17th Century to Present**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

An interdisciplinary, multicultural study of the arts and sciences focusing on modern civilizations and their contributions to the Global Village.

College

College of Arts and Humanities

Department

Department of Philosophy

HUM3252 - Contemporary Humanities**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Any HUM course or C.I.

Course Description

Multicultural study of Philosophy and the arts of the 20th century.

College

College of Arts and Humanities

Department

Department of Philosophy

HUM3255 - Modern Humanities**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Any HUM course or C.I.

Course Description

Multicultural study of Philosophy and the arts of the modern period.

College

College of Arts and Humanities

Department

Department of Philosophy

HUM3307 - Memory and Testimony**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HUM 2210 and HUM 2230 and Junior standing.

Course Description

Interdisciplinary exploration of personal and public memory, focusing on the significance of memory and testimony for our sense of self, family, community, culture, and nation.

College

College of Arts and Humanities

Department

Department of Philosophy

HUM3320 - Contemporary Multicultural Studies**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Any HUM course or C.I.

Course Description

Studies the confluence of diverse cultures making up North America in the Information Age, focusing on complete primary sources in philosophy, literature, visual arts and music.

College

College of Arts and Humanities

Department

Department of Philosophy

HUM3326 - Theories of Sex and Gender in Humanities**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Any HUM course or C.I.

Course Description

Historical and contemporary theories of sex and gender relevant in interdisciplinary Humanities.

College

College of Arts and Humanities

Department

Department of Philosophy

HUM3401 - Asian Humanities**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Any HUM course or C.I.

Course Description

An interdisciplinary survey of the cultures of India, China, and Japan, concentrating on their traditional art, literature, religion, philosophy, and music.

College

College of Arts and Humanities

Department

Department of Philosophy

HUM3402 - East Asian Folklore and Popular Culture**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HUM 2020, HUM 2210, HUM 2230, or C.I.

Course Description

Interdisciplinary course explores the way of living in the geographical and/or conceptual area generally known as "East Asia" within the folkloric and popular culture discourses.

College

College of Arts and Humanities

Department

Department of Philosophy

HUM3419H - Honors Islamic Thought and Culture**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HUM 2230 , or REL 2300, and Consent of Honors.

Course Description

The development of Islamic thought and culture, concentrating on religion, jurisprudence, philosophy, science and art with special focus on perception of Islam in Western literature and scholarship. With Honors content.

College

College of Arts and Humanities

Department

Department of Philosophy

HUM3423 - African Humanities**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Any HUM course or C.I.

Course Description

Contemporary art, culture, and philosophy in selected African countries.

College

College of Arts and Humanities

Department

Department of Philosophy

HUM3431 - Ancient Humanities
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Any HUM course or C.I.

Course Description

Development of Ancient Greek thought and culture with emphasis on philosophy, religion, literature and art.

College

College of Arts and Humanities

Department

Department of Philosophy

HUM3435 - Medieval Humanities
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Any HUM course or C.I.

Course Description

Development of Medieval thought and culture with emphasis on Philosophy, Religion, Literature and Art.

College

College of Arts and Humanities

Department

Department of Philosophy

HUM3460 - Latin American Humanities**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HUM 2210 or HUM 2230 .

Course Description

Ideas in cultures of Latin America and Caribbean basin as expressed in arts, architecture, music, philosophy, religion, literature and film.

College

College of Arts and Humanities

Department

Department of Philosophy

HUM3467 - Latinx Cultural Expressions**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HUM 2020, HUM 2210, HUM 2230 or C.I.

Course Description

Analysis of Latinx identity formation, the arts (literary and visual cultural expression), and epochs of social change in the U.S. from colonization to the present.

College

College of Arts and Humanities

Department

Department of Philosophy

HUM3800 - Research Methods in Humanities**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Humanities Major with any prior HUM course or C.I.

Course Description

Research skills for the humanities, including methodologies, writing techniques, essay structuring, formatting, and methods for citing references and constructing bibliographies.

College

College of Arts and Humanities

Department

Department of Philosophy

HUM3805 - Critical Theory in the Humanities**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Any HUM course, or C.I.

Course Description

Theories of interpreting technologies, texts, and practices, with emphasis on film, visual/performing arts, music, religion, and philosophy.

College

College of Arts and Humanities

Department

Department of Philosophy

HUM3806 - Critical Race Theory
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Any HUM course or CI

Course Description

Provides an introduction to major themes, theories, and historiography from the field of Critical Race Theory.

College

College of Arts and Humanities

Department

Department of Philosophy

HUM3830 - Introduction to Digital Humanities
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Any HUM course or C.I.

Course Description

Investigation of the application of digital tools to humanities questions, and to questions about contemporary life.

College

College of Arts and Humanities

Department

Department of Philosophy

HUM4301 - The Classical Ideal
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Any 3000-level HUM course or C.I.

Course Description

The search for order and form in the arts of various times and cultures. Concerns reason, structure, objectivity, harmony. Open to all Juniors and Seniors.

College

College of Arts and Humanities

Department

Department of Philosophy

HUM4330 - Performance Theory
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Any 3000-level HUM course, or C.I.

Course Description

Traditional and contemporary theories of performance with a focus on linguistic performatives, bodily and virtual performances, self-identity, and the politics of performance.

College

College of Arts and Humanities

Department

Department of Philosophy

HUM4381 - Race and Technology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing and any HUM course or C.I.

Course Description

Exploration of race as it intersects with gender, sexuality, ability, and other variables, in the production, consumption, and technical representation from dating apps to social robotics.

College

College of Arts and Humanities

Department

Department of Philosophy

HUM4394 - Place and Space**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HUM 2230 or C.I.

Course Description

Phenomenological, symbolic, constructivist, and determinist approaches to personal and social place and space.

College

College of Arts and Humanities

Department

Department of Philosophy

HUM4459 - American Cultural Studies in Humanities
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Any 3000-level HUM course, or C.I.

Course Description

Theories of culture intersecting race, class, gender, migration, ability, and national identity in North America.

College

College of Arts and Humanities

Department

Department of Philosophy

HUM4823 - Queer Theory in the Humanities
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Any 3000-level HUM course or C.I.

Course Description

Developments in queer theory. Challenge to research by scholars, activists, performers, and visual artists.

College

College of Arts and Humanities

Department

Department of Philosophy

HUM4826 - Postcolonial Theory**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Any 3000-level HUM course or C.I.

Course Description

Interdisciplinary overview of postcolonial philosophy, literature, film, art and cultural theory.

College

College of Arts and Humanities

Department

Department of Philosophy

HUM4931 - Key Figures in the Humanities & Cultural Studies**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Any 3000-level HUM course or C.I.

Course Description

Study of a central Humanities/Cultural Studies figure's work, influences, reception, and effect.

College

College of Arts and Humanities

Department

Department of Philosophy

HUM4933 - Senior Research Seminar
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Any 3000-level HUM course or C.I.

Course Description

Capstone course on research, developing effective oral and written communication skills.

College

College of Arts and Humanities

Department

Department of Philosophy

HUM4934 - Key Concepts in Humanities & Cultural Studies
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Any 3000-level HUM course or C.I.

Course Description

Study of the development, meaning, and implications of a central concept in the Humanities and Cultural Studies.

College

College of Arts and Humanities

Department

Department of Philosophy

HUN - Human Nutrition

HUN2201 - Fundamentals of Human Nutrition**Credits Hours**

3

Course Description

Functions, roles, guidelines and requirements for nutrients. Includes digestion, absorption, nutrient interactions, effects of deficiencies or toxicities, food sources and weight management. Emphasis is on prevention of disease.

College

College of Health Professions and Sciences

Department

Department of Health Sciences

HUN3011 - Human Nutrition**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- ZOO 3733C and or C.I.

Course Description

Essentials of nutrition related to the life cycle, including the physiological, psychosocial, and cultural aspects of nutrition and the inter-relationship with disease are emphasized.

College

College of Nursing

Department

Department of Nursing Practice

HUN3013 - Nutrition Concepts and Issues in the Food Service Industry**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FSS 2221C or C.I.

Course Description

Introduces basic nutrition concepts. Discusses nutrition concepts and concerns in relation to food preparation and service in the hospitality industry.

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

IDH - Interdisciplinary Honors

IDH1920H - Honors Freshman Symposium

Credits Hours

1

Lab/Studio/Field Work Hours

0

Prerequisites

- Consent of Honors.

Course Description

Readings, lectures, and discussions covering aspects of scholarship, research, and university life.

College

The Burnett Honors College

Department

BHC Honors

IDH1921H - Honors Symposium II

Credits Hours

2

Lab/Studio/Field Work Hours

0

Prerequisites

- IDH 1920H.

Course Description

Readings, lectures and discussions covering aspects of scholarship, artistic, and other creative efforts.

College

The Burnett Honors College

Department

BHC Honors

IDH3101H - Honors Cultural Traditions of India**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Consent of Honors.

Course Description

Integrative background of Indian culture, philosophy and art. Instruction on music, yoga, dance and Indian fine arts.

College

The Burnett Honors College

Department

BHC Honors

IDH3600H - Honors Case Studies in Ethics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Permission of Honors or C.I.

Course Description

A case-study approach to contemporary ethical issues. Students will apply critical thinking skills and ethical theories to interdisciplinary problems and will participate in team debates. With Honors content.

College

College of Arts and Humanities

Department

Department of Philosophy

IDH3930H - Superheroes In American Popular Culture**Credits Hours**

1 - 99

Lab/Studio/Field Work Hours

0

Prerequisites

- Consent of Honors

Course Description

An historical, sociopolitical, cultural, aesthetic and thematic examination of the superhero mythos, this course will explore popular and obscure superheroes as they appear in several art forms.

College

The Burnett Honors College

Department

BHC Honors

IDH3930H - Honors Trauma in a Global Context**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 and Consent of Honors.

Course Description

The course addresses the psychological effects of different forms of trauma within a dynamic global context.

College

College of Business Administration

Department

BHC Honors

IDH4030H - Honors Windows To The World
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Consent of Honors and IDH 1920H, or C.I.

Course Description

Philosophy of the liberal arts and sciences proposes the well-rounded individual as its goal. Explores ideas regarding traits across disciplines, across cultures, and across time.

College

The Burnett Honors College

Department

BHC Honors

IDS - Interdisciplinary Studies

IDS3053 - Interdisciplinary Research Methods
Credits Hours

3

Prerequisites

- IDS 3933 or equivalent

Course Description

To develop a foundation in qualitative interdisciplinary research methods, students will apply concepts in a research proposal project within their areas of study.

College

College of Undergraduate Studies

Department

Interdisciplinary Studies

IDS3333 - Issues in Diversity Studies**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or C.I.

Course Description

Introduction to diversity studies covering core topics of religion and spiritual traditions, race and ethnicities, gender and sexuality, and age and abilities.

College

College of Undergraduate Studies

Department

Interdisciplinary Studies

IDS3933 - Cornerstone Experience**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102, Junior standing, Interdisciplinary Studies major, or C.I.

Course Description

Interdisciplinary study essentials, including basic concepts and methodological tools, to synthesize material from disparate fields and apply them to academic plans and career goals.

College

College of Undergraduate Studies

Department

Interdisciplinary Studies

IDS4204C - Advanced Topics on Energy and Sustainability**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- Acceptance into the Energy and Sustainability Minor, Senior standing and Completion of GEP or C.I.

Course Description

Contemporary topics in energy and sustainability. Seminars and lectures from industry, academia, government, and UCF speakers. Students are required to work on individual or team assignments, research projects, and present their work in the format of mini seminars.

College

College of Engineering and Computer Science

Department

College of Engineering and Computer Science Dean's Office

IDS4602 - Reviving the Past: Researching Lost Communities**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Researching lost, stolen, removed, & marginalized communities, students will be able to tell the story of the community's past/present, understand implications for future.

College

College of Undergraduate Studies

Department

Office of Interdisciplinary Studies

IDS4934 - Capstone Experience**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- IDS 3933, Junior standing, and Interdisciplinary Studies major, or C.I.

Course Description

Student exposition of coursework demonstrating the understanding of interdisciplinary approaches and successful synthesis of interdisciplinary studies, applied to the course of study and academic/career goals.

College

College of Undergraduate Studies

Department

Interdisciplinary Studies

IDS4939 - Senior Seminar**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1101, 1102

Course Description

The Senior Seminar is the capstone course for General Studies, enabling students to integrate undergraduate experiences, prepare professional engagement, and produce a culminating project.

College

College of Undergraduate Studies

Department

Interdisciplinary Studies

IDS4947 - Internship**Credits Hours**

0 - 99

College

College of Undergraduate Studies

Department

College of Undergraduate Studies Dean's Office

IHS4950 - Interdisciplinary Projects in Health Professions
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing and CHPS major

Course Description

Identification, design, and implementation of innovative, needs-based health projects by interdisciplinary teams of students pursuing careers in the health professions.

College

College of Health Professions and Sciences

Department

College of Health Professions and Sciences Dean's Office

INP - Industrial & Applied Psychology

INP3004 - Industrial/Organizational Psychology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PSY 2012.

Course Description

Psychological theories and principles applicable to problems in industrial organizations.

College

College of Sciences

Department

Department of Psychology

INP3004H - Honors Industrial/Organizational Psychology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PSY 2012 and consent of Honors.

Course Description

Psychological theories and principles applicable to problems in industrial organizations. With Honors content.

College

College of Sciences

Department

Department of Psychology

INP3141C - Advanced Applied Psychology
Credits Hours

1 - 3

Lab/Studio/Field Work Hours

9-Mar

Prerequisites

- PSY 2012 and C.I.

Course Description

Course will explore application of psychological knowledge to clinical, experimental, industrial, or educational settings. Supervised laboratory experience is required.

College

College of Sciences

Department

Department of Psychology

INP3253 - Performance Appraisal and Job Coaching
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PSY 3074 with a grade of "S"

Corequisites

- Psychology Major and Overall UCF GPA of 3.0

Course Description

Theory and practice of assessing how well one does their job (performance assessment) and how to deliver feedback on job performance (job coaching).

College

College of Sciences

Department

Department of Psychology

INP3951 - Industrial/Organizational Field Work
Credits Hours

3

Lab/Studio/Field Work Hours

10

Prerequisites

- C.I.

Course Description

An opportunity for advanced undergraduate psychology majors to become involved in the application of I/O psychology to local organizations.

College

College of Sciences

Department

Department of Psychology

INP4313 - Organizational Psychology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PSY 2012.

Course Description

Analysis of the psychological principles underlying individual and group behavior in an organizational setting. Topics include group dynamics, leadership and participation, intergroup behavior, and organization development.

College

College of Sciences

Department

Department of Psychology

INP4319 - Occupational Health Psychology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: PSY 2012, or CI

Course Description

Occupational Health Psychology, including workplace stress and coping, workplace aggression, work schedules and job design, and organizational interventions.

College

College of Sciences

Department

Department of Psychology

INP4380 - Psychology of Teamwork
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PSY 2012 or C.I.

Course Description

Dynamics of small groups and teams from social and applied psychology perspectives.

College

College of Sciences

Department

Department of Psychology

INR - International Relations

INR2002 - International Relations-Theory and Practice
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or C.I.

Course Description

Analysis of the fundamental principles and factors affecting interstate relations and their application to contemporary global developments.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR3016 - Global Political Issues**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- POS 2041 or C.I.

Course Description

Current global political topics from political development and income gap to gender issues and environmental challenges.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR3250 - Politics of Pan-Africanism**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- INR 2002.

Course Description

Political expressions of Pan-Africanism throughout the major regions of the African Diaspora.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR3253 - International Politics of Africa**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

The broad structures and processes of international politics and foreign policy in Africa, with particular attention on U.S.- African relations.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4008 - Global Perspectives**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or C.I.

Course Description

The historical and contemporary contexts of globalization.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4011 - Politics of Globalization**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Major political causes and consequences of globalization.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4030 - Diplomacy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Concepts, theories, and methods of contemporary diplomacy; diplomatic processes in the international arena.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4030H - Honors Diplomacy
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- POS 2041 and consent of Honors.

Course Description

Concepts, theories, and methods of contemporary diplomacy; diplomatic processes in the international arena.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4035 - International Political Economy
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

The international politics of regional and global economic interdependence, with emphasis upon North-South relations, the New International Economic Order, OPEC, and multinational corporations.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4054 - Global Politics of Energy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

International/national dimensions of global energy policy within developed and underdeveloped countries.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4060 - Causes of War**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

The primary theoretical and empirical research explaining militarized interstate conflict.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4063 - The Cold War**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Politics of US-Soviet relations emphasizing the Cold War including the global impact of the Cold War, and prospects for post-Cold War international politics.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4074 - Immigration Policy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Analysis of the complex subject of immigration, including U.S. and comparative immigration policy, illegal immigration, alien smuggling, and statelessness and their political/security impact.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4075 - Human Rights Policy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Meaning of human rights, political and international implications of human rights policies, relationship to global peace, racism, gender inequality, economic development and democratization.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4076 - Global Drug Policy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

International drug control issues, policy formulation and enforcement, impact of government and political economic systems on drug policy. Selected Latin American and Third World cases.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4084 - Politics of International Terrorism**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Nature and politics of terrorism with primary focus on its implications for international relations.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4084H - Honors Politics of International Terrorism**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- POS 2041 or ENC 1102, and consent of Honors.

Course Description

Examination of terrorism as a unique challenge, delving into and understanding terrorists' motivations/actions and considering the effectiveness of various counterterrorism policies.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4085 - Women, Gender, and Globalization
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Feminist and gender perspectives in International Relations, Globalization, and International Political Economy.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4102 - American Foreign Policy
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Development of American foreign policy, with emphasis on the role and policies of the United States in the contemporary world.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4104 - Topics and Cases in American Foreign Policy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

General or intensive analysis of problems or aspects of U.S. foreign policy. Issues may include September 11th, homeland security, counter-terrorism, policymaking and decision-making and intelligence.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4114 - American Security Policy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Study of the evolution of American security policy since World War II, including consideration of the social and political costs involved and means of control.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4115 - Strategic Weapons and Arms Control
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Control of strategic weapons and their impact. Technological and policy aspects, including nuclear proliferation.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4224 - Contemporary International Politics of Asia
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Examinations of the foreign policies of major and secondary powers in Asia, with particular attention to China and Japan.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4225 - The Vietnam War
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- POS 2041 or INR 2002, or C.I.

Course Description

Background of events leading to America's involvement in Indochina, the course of the Vietnam War, and the lessons which that war imparts.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4243 - International Politics of Latin America
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Study of contemporary U.S.-Latin American relations, interAmerican politics and organization, and the role of Latin America in the world.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4274 - International Politics of the Middle East
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Either INR 2002, CPO 3103 or POS 2041.

Course Description

Examines foreign relations among Middle Eastern states and related actors, including, but not limited to, the great powers of the world.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4304 - Issues in International Public Policy
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Endogenous and exogenous variables, including policy analysis and decision-making, which influence select international public policy issues.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4335 - Coercion in International Politics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Examination of the role of coercive techniques among states in a nuclear age, ranging from nuclear strategy and deterrence to wars of national liberation and coups.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4350 - Global Environmental Politics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

The unique environmental struggles and political issues that occur on the international and global levels.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4351 - International Environmental Law
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Examination of global efforts to establish a treaty regime for environmental protection of earth's biosphere when challenged by national sovereignty and economic and cultural diversity.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4360 - The Intelligence Process
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041

Course Description

Examination of the intelligence process, the intelligence cycle, and various ways intelligence is collected, analyzed, as well as counterintelligence and counterterrorism

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4363 - Intelligence Analysis and Reporting
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- POS 2041 or INR 2002 or ENC 1102.

Course Description

Foreign intelligence analysis and its interaction with organizations, politics, and psychology to shape political decisions.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4364H - Honors: The Intelligence Community
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: POS 2041 or INR 2002 or CPO 3103, and Consent of Honors or C.I.

Course Description

US national security and the role of the intelligence community. The collection, processing, and analysis of intelligence, counter intelligence, and covert operations. With honors content.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4401 - International Law
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

The nature, evolution, and sources of international law and examination of various sub-areas as recognition, maritime law, nationality, and war.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4404 - Space Law
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing, or C.I.

Course Description

Examination of the legal regime of outer space from both international and national perspectives, and the legal problems arising from human activity in space.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4502 - International Organizations**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

The study of the structure and workings of international organizations of cooperation, including the UN, its affiliates, and various regional organizations.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4603 - International Relations Theory**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Theoretical trends prevalent in the study of international relations, including realism, liberalism, Marxism, feminism, and post-modernism.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4714 - Politics of International Trade Policy
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Key actors and processes of international trade policy-making at the sub-national, nation-state, regional, and global levels of analysis.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4743 - Military Power and Effectiveness
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- INR 2002

Course Description

Explores the evaluation of military power and effectiveness in international and domestic conflict, emphasizing social science approaches to theory and research methodology.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4744 - Militaries in World Politics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- POS 2041, or INR 2002, or C.I.

Course Description

Civil-military relations and its relevance to international relations and comparative politics.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4764 - Cyberwarfare Policy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- POS 2041 or ENC 1102 or INR 2002 or C.I.

Course Description

How nations, groups and individuals throughout the world use internet/cyber-attacks for military, political, and economic gains over their adversaries.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4764H - Honors Cyberwarfare Policy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: POS 2041 OR ENC 1102 OR INR 2002, and Consent of Honors or C.I.

Course Description

Examination of roles and how nations, groups, and individuals use cyber-attacks and cyber espionage against adversaries. Challenges of current and proposed policy. With honors content.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4765 - Emerging Space Powers**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- POS 2041, or C.I.

Course Description

Examination of states' efforts to develop space technologies for purposes of economic, social and military development.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4774 - Military Space Policy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Politics and policymaking involved in militaries globally, consideration of effects on globalization and international policies economic and military.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4933H - Honors Human Trafficking**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- INR 2002 or C.I.

Course Description

An interdisciplinary Honors seminar designed to help students gain a better understanding of contemporary human trafficking, also known as slavery and forced servitude.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

INR4942 - Intelligence Studies Capstone
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- INR 4364

Course Description

A practicum in intelligence studies, including analysis, writing, briefing, critical thinking, and teamwork.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

ISC - Interdisciplinary Sciences

ISC2054 - STEM Seminar I
Credits Hours

1

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to an iSTEM sponsored program.

Course Description

Study skills, faculty networking, exposure to STEM professionals.

College

College of Sciences

Department

Department of Mathematics

ISC2055 - STEM Seminar II**Credits Hours**

1

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to iSTEM sponsored program.

Course Description

Study skills, faculty networking, exposure to STEM professionals, STEM shadowing experience.

College

College of Sciences

Department

Department of Mathematics

ISC2215 - Interdisciplinary Applications of Calculus I**Credits Hours**

1

Lab/Studio/Field Work Hours

0

Corequisites

- MAC 2311C.

Course Description

Interdisciplinary applications of differential and integral calculus topics in MAC 2311C to the solution of concrete problems in science, mathematics, and engineering disciplines.

College

College of Sciences

Department

Department of Mathematics

ISC2216 - Interdisciplinary Applications of Calculus II**Credits Hours**

1

Lab/Studio/Field Work Hours

0

Corequisites

- MAC 2312.

Course Description

Interdisciplinary applications of differential and integral calculus topics in MAC 2312 to the solution of concrete problems in science, mathematics, and engineering disciplines.

College

College of Sciences

Department

Department of Mathematics

ISC3417 - Computational Nanoscience**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- (PHY 2049C or PHY 2054C) and (CHM 2045C or CHS 1440) or C.I.

Course Description

Computational nanoscience covers the basic use of computational analysis for the study of nanoscience and related applications in nanotechnology.

College

College of Sciences

Department

Department of Physics

ISC3424 - Chemical and Life Science Nanotechnology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: 'C' (2.0 or better in CHS 1440 or CHM 2045C, or CI

Course Description

Synthesis, fabrication and properties of nanomaterials and nanodevices, and their broad applications in chemical/life science, environment protection and sustainability.

College

College of Sciences

Department

Department of Chemistry

ISC3471 - Nanoscience and Nanotechnology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- (PHY 2049C or PHY 2054C) and (CHM 2045C or CHS 1440) or C.I.

Course Description

Nanoscience and Nanotechnology covers the basic principles governing nature at the nanoscale and summarizes the state of the art of emerging nanotechnology applications.

College

College of Sciences

Department

Department of Physics

ISC4241 - Data Science I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAC 2313, STA 2023, and COP 3502

Course Description

The basic tools, theory and practice of Data Science.

College

College of Sciences

Department

Department of Statistics

ISC4242 - Data Science II**Credits Hours**

3

Prerequisites

- ISC-4241 Data Science I or Instructor Permission

Course Description

Data visualization, modeling, and prediction. Big data and database management, Bayesian methods, and nonlinear models. Problems from industrial and complex domains using R and Python.

College

College of Engineering and Computer Science

Department

Department of Industrial Engineering and Management Systems

ISC4311 - Predictive Analytics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ISC 4242, MAS 3105, STA 4164, all with grade of C(2.0) or better, or C.I.

Course Description

Predictive Modeling, Overfitting and Data Tuning, Classification Models, Regression Models

College

College of Sciences

Department

Department of Mathematics

ISC4323C - Praxis for Data Science**Credits Hours**

4

Lab/Studio/Field Work Hours

0

Prerequisites

- Complete all of the following
 - Earn a minimum grade of C in each of the following:
 - COP4283 - Data Science Programming (3)
 - ISC4242 - Data Science II (3)
 - ISC4311 - Predictive Analytics (3)
 - CIS4340 - Data Management Technology (3)
 - ISC4551 - Data Graphics and Visualization (3)
 - STA4724 - Big Data Analytics Methods (4)
 - and senior standing in the Data Science BS major, or C.I.

Course Description

Students work in teams to address data science problems in industry, government, and the non-profit sector.

College

College of Engineering and Computer Science

Department

Department of Industrial Engineering and Management Systems

ISC4551 - Data Graphics and Visualization

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- COP 3502C or C.I.

Prerequisites/Corequisites

- (none)

Course Description

Principles of graphical representations and visualization: frameworks, data preparation, types of visual presentations, modeling, interaction techniques, guidelines. Projects using R and GGPlot2.

College

College of Engineering and Computer Science

Department

Department of Computer Science

ITA - Italian Language

ITA1120C - Elementary Italian Language and Civilization I

Credits Hours

4

Lab/Studio/Field Work Hours

1

Course Description

Introduces the student to Italian culture through the major language skills: listening, speaking, reading and writing. Open only to students with no experience in this language.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

ITA1121C - Elementary Italian Language and Civilization II
Credits Hours

4

Lab/Studio/Field Work Hours

1

Prerequisites

- ITA 1120C or equivalent.

Course Description

Continuation of ITA 1120C.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

ITA2010C - Italian for Spanish Speakers

Credits Hours

4

Lab/Studio/Field Work Hours

1

Prerequisites

- PR: Native Spanish Speaker or C.I.

Course Description

Designed for native speakers of Spanish, uses multilingual pedagogies and intercomprehension between Italian and Spanish, allowing for an accelerated pace of learning.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

ITA2200 - Intermediate Italian Language and Civilization I
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ITA 1121C or equivalent.

Course Description

Designed to continue development of language skills at intermediate level, plus a review of grammar, study of syntax, idiomatic expression, extensive readings, and further study of Italian culture.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

ITA2201 - Intermediate Italian Language and Civilization II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ITA 2200 or equivalent.

Course Description

Designed to continue development of language skills at intermediate level, plus a review of grammar and study of syntax, with emphasis on Italian civilization.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

ITA3215 - Azione! Italian through Film**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: ITA 2200 or C.I.

Course Description

Applies the linguistic and grammatical principles of Italian through film and television, with an emphasis on modern Italian culture. Taught entirely in Italian.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

ITA3420 - Italian Composition**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ITA 2201 or equivalent.

Course Description

Development of skills in composition, with an introduction to Italian culture.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

ITA3501 - Made in Italy: A Story of Excellence**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in ITA 2200

Course Description

Introduces students to the multifaceted world of Italian entrepreneurship from the perspectives of culture, language, narrative, and history. Beneficial for students minoring in Italian.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

ITA3502 - Canta che ti passa!: Italian through Music**Credits Hours**

3

Prerequisites

- A grade of "C" (2.0) or better in ITA 2200

Course Description

Italian language course applies grammatical and linguistic structures, while analyzing cultural norms, through the study of lyrics, songwriters, and singers.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

ITA3564 - Modern Italian Culture**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ITA 2200 or C.I.

Course Description

Modern Italian culture (1920s through today) through literature, film, and mass media.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

ITA3620 - Cucina nostra: Italian through Food**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: ITA 2200 or C.I.

Course Description

Applies the linguistic and grammatical principles of Italian through the study of food, with an emphasis on modern Italian culture. Taught entirely in Italian.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

ITA3760 - Advanced Italian Oral Communication
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ITA 2201 or equivalent.

Course Description

Vocabulary building with systematic training in diction and locution. Speeches and oral presentations as well as production and delivery of real-life dialogues.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

ITT - Italian Literature

ITT3301 - Italian & Italian American Women's Literature
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or C.I.

Course Description

Novels and short stories by some major Italian and Italian-American women writers.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

ITT3443 - Dante's Inferno**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ITW 3100.

Course Description

An in-depth study of Dante's Inferno. In English.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

ITT3480 - Italian Literature in Translation**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ITA 2201 or C.I.

Course Description

Main literary tendencies and authors of Italian literature.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

ITT4300 - From Italy to America**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ITW 3101 or C.I.

Course Description

The course connects Italy and the US, their history and culture.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

ITT4956 - Study Abroad: Modern and Contemporary Italian Culture**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing and C.I.

Course Description

Modern and contemporary Italian culture in the natural environment.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

ITT4957H - Honors Italian Literature in Translation
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 and consent of Honors.

Course Description

Main literary tendencies and authors of Italian Literature, with honors content.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

ITW - Italian Literature (Writings)

ITW3100 - Survey of Italian Literature I
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ITA 2201.

Course Description

Main currents and writers in Italian literature from the 12th through the 15th centuries.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

ITW3101 - Survey of Italian Literature II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ITA 2201.

Course Description

Main currents and writers in Italian literature from the 15th century to the present.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

ITW3373 - The Modern Italian Short Story
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ITA 2201 or C.I.

Course Description

Selection of short stories written by the most significant Italian writers of the 20th century.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

JOU - Journalism

JOU2100C - News Reporting**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- Comm pending, or Journalism Major, or Magazine Journalism Minor and a grade of ""A-"" (3.75) or higher in ENC 1101 and ENC 1102 OR a ""B"" (3.0) or better in ENC 3250 or LIN 3673 OR a passing score on the Grammar Proficiency Exam or C.I.

Prerequisites/Corequisites

- Comm pending, or Journalism Major, or Magazine Journalism Minor and a grade of ""A-"" (3.75) or higher in ENC 1101 and ENC 1102 OR a ""B"" (3.0) or better in ENC 3250 or LIN 3673 OR a passing score on the Grammar Proficiency Exam or C.I.

Course Description

Newsgathering and writing for the mass media.

College

College of Sciences

Department

Nicholson School of Communication and Media

JOU3004 - History of American Journalism**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Development of mass media, leading innovators, and the media's role in the nation's history.

College

College of Sciences

Department

Nicholson School of Communication and Media

JOU3015 - Principles of Journalism**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Either SPC 1608, SPC 1603C, COM 1000, or C.I.

Course Description

Introduces principles of the journalism industry and lays the foundation for other upper-level journalism courses.

College

College of Sciences

Department

Nicholson School of Communication and Media

JOU3101C - Advanced Reporting**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- Journalism major or Magazine Journalism minor and a minimum grade of "C" (2.0) in JOU 2100C.

Course Description

Advanced information-gathering and development of news writing skills.

College

College of Sciences

Department

Nicholson School of Communication and Media

JOU3184C - Metro Reporting
Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites

- Journalism major and a minimum grade of "C" (2.0) in JOU 2100C.

Course Description

Coverage of several important news beats in a metropolitan area.

College

College of Sciences

Department

Nicholson School of Communication and Media

JOU3201 - Editing I
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- A grade of ""C"" (2.0) or better in JOU 2100C or C.I.

Prerequisites/Corequisites

- A grade of ""C"" (2.0) or better in JOU 2100C or C.I.

Course Description

Editing copy, writing headlines, managing newsroom operations.

College

College of Sciences

Department

Nicholson School of Communication and Media

JOU3202 - Editing II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Journalism major or Magazine Journalism minor, a minimum grade of "C" (2.0) in JOU 3201, and a minimum grade of "C" (2.0) in JOU 2100C.

Course Description

Practical aspects of editing.

College

College of Sciences

Department

Nicholson School of Communication and Media

JOU3301 - Journalism Readings**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Either SPC 1608, SPC 1603C, COM 1000, or C.I.

Course Description

Concepts of literary journalism, designed to enhance understanding and evaluation techniques used by journalists.

College

College of Sciences

Department

Nicholson School of Communication and Media

JOU3310 - Social Media Writing for Magazines**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- JOU 2100C or PUR 3100.

Course Description

Social media writing for traditional magazines and journalism-based 'zines. Students will learn about the practices of social media writing and create their own blogs based on journalism practices.

College

College of Sciences

Department

Nicholson School of Communication and Media

JOU3313C - Sports Reporting**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- Journalism major and a minimum grade of "C" (2.0) in JOU 2100C.

Course Description

Covering sports for the media; issues, principles, and practices.

College

College of Sciences

Department

Nicholson School of Communication and Media

JOU3320 - News Producing**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Journalism major and a minimum grade of "C" (2.0) in JOU 2100C.

Course Description

Fundamentals of television news producing in a station-like environment including information and discussion on journalistic ethics, management skills and working with on-air talent.

College

College of Sciences

Department

Nicholson School of Communication and Media

JOU3510 - Magazine Publishing**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Journalism major or Magazine Journalism minor, and a minimum grade of "C" (2.0) in JOU 2100C.

Course Description

The magazine industry, emphasizing business operations and current topics.

College

College of Sciences

Department

Nicholson School of Communication and Media

JOU3951 - Knightly Latino
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- JOU 2100C or RTV 2100 or C.I.

Course Description

Focuses on the production of a weekly Spanish campus webcast. Daily newsgathering and production decisions are conducted by students under the advisement of the instructor.

Current Fee Per Student

\$23.00

College

College of Sciences

Department

Nicholson School of Communication and Media

JOU4181 - Public Affairs Reporting
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Journalism major, and a minimum grade of "C" (2.0) in JOU 2100C and a minimum grade of "C" (2.0) in JOU 3184C or JOU 3101C.

Course Description

Reporting on city, county and state government.

College

College of Sciences

Department

Nicholson School of Communication and Media

JOU4213C - Page Design**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- Journalism major or Magazine Journalism minor and a grade of ""C""

Prerequisites/Corequisites

- Journalism major or Magazine Journalism minor and a grade of ""C""

Course Description

Designing news pages, including stories, headlines, and other content.

College

College of Sciences

Department

Nicholson School of Communication and Media

JOU4300 - Feature Writing**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Journalism major or Magazine Journalism minor, and a minimum grade of "C" (2.0) in JOU 2100C.

Course Description

Writing feature articles for newspapers and magazines.

College

College of Sciences

Department

Nicholson School of Communication and Media

JOU4308 - Freelance Writing
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Journalism major or Magazine Journalism minor.

Course Description

A study of the techniques and procedures of freelance writing, including the preparation of several manuscripts.

College

College of Sciences

Department

Nicholson School of Communication and Media

JOU4340C - Online Journalism I
Credits Hours

3

Lab/Studio/Field Work Hours

3

Prerequisites

- Journalism major and a minimum grade of "C" (2.0) in JOU 2100C.

Course Description

The development, impact and problems of using the Internet as a journalistic tool. Write and design news for the Web.

College

College of Sciences

Department

Nicholson School of Communication and Media

JOU4342C - Multimedia Journalism
Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites

- Journalism major and a minimum grade of "C" (2.0) in JOU 2100C.

Course Description

Combining print and electronic technologies to transmit information to the public.

College

College of Sciences

Department

Nicholson School of Communication and Media

JOU4447 - Magazine Editing and Production
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Journalism major or Magazine Journalism minor, and a minimum grade of "C" (2.0) in JOU 2100C.

Course Description

Magazine production, including writing and editing skills, and editorial requirements.

College

College of Sciences

Department

Nicholson School of Communication and Media

JOU4700 - Journalism Ethics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- One of the following: SPC 1608, SPC 1603C, COM 1000, or CI.

Prerequisites/Corequisites

- One of the following: SPC 1608, SPC 1603C, COM 1000, or CI.

Course Description

Ethical problems, codes, and practices in newsrooms.

College

College of Sciences

Department

Nicholson School of Communication and Media

JOU4941 - Internship**Credits Hours**

1 - 99

Lab/Studio/Field Work Hours

0

Course Description

Journalism Internship

College

College of Sciences

Department

Nicholson School of Communication and Media

JOU4950 - Senior Capstone in Journalism
Credits Hours

4

Lab/Studio/Field Work Hours

0

Prerequisites

- Journalism major, and a minimum of "C" (2.0) in JOU 3101C and (JOU 4340C or JOU 4342C), or C.I.

Course Description

Advanced techniques in multimedia news gathering and reporting for a daily web publication as part of a capstone experience in journalism.

College

College of Sciences

Department

Nicholson School of Communication and Media

JPN - Japanese Language

JPN1120C - Elementary Japanese Language and Civilization I
Credits Hours

4

Lab/Studio/Field Work Hours

1

Course Description

Introduces the student to Japanese culture through the major language skills: listening, speaking, reading and writing. Open only to students with no experience in the language.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

JPN1121C - Elementary Japanese Language and Civilization II
Credits Hours

4

Lab/Studio/Field Work Hours

1

Prerequisites

- JPN 1120C or equivalent.

Course Description

Continuation of JPN 1120C.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

JPN2200 - Intermediate Japanese Language and Civilization I
Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites

- JPN 1121C or equivalent.

Course Description

This course aims to aid in acquiring and refining the acquisition of the four skills in modern Japanese: speaking, listening, reading, and writing. The emphasis is on accurate communication in Japanese. The culture of Japan will also be studied.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

JPN2201 - Intermediate Japanese Language and Civilization II
Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites

- JPN 2200 or equivalent.

Course Description

Continuation of JPN 2200 with emphasis on Japanese civilization.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

JST - Judaic Studies

JST3005 - Tenets of Judaism
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1101 and ENC 1102.

Course Description

Values, practices, and beliefs that define Judaism.

College

College of Arts and Humanities

Department

Department of History

JST3100 - The Hebrew Bible as Literature**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102.

Course Description

A survey of the creative expression of Hebrew civilization as found in the Hebrew Bible, and its interpretation in the Apocrypha and Pseudepigrapha, the Mishna and the Talmud.

College

College of Arts and Humanities

Department

Department of History

JST3120 - Hebrew Scriptures**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102, Junior standing.

Course Description

The Hebrew Bible (Old Testament, in translation) in historical, social, religious, cultural and literary contexts.

College

College of Arts and Humanities

Department

Department of History

JST3121 - Classic Texts of Judaism**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102.

Course Description

Scriptures, post-Biblical Rabbinic writings, Exegesis, Apocrypha, Qumran documents, Mishnah, Talmud, the Siddur, as well as Jewish mystical writings.

College

College of Arts and Humanities

Department

Department of History

JST3125 - The Book of Job**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Jr standing, ENC 1102.

Course Description

A textual-thematic study of Book of Job in English translation, exploring the Book of Job as literature, theodicy and ethics.

College

College of Arts and Humanities

Department

Department of History

JST3126 - Romantic Love in the Bible**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102, Junior standing.

Course Description

The dimensions of romantic love in the Hebrew Bible, focusing on the depiction of human feelings of love and relationship; the nature of man-woman interactions in ancient Israel.

College

College of Arts and Humanities

Department

Department of History

JST3144 - Dead Sea Scrolls**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing or C.I.

Course Description

The Dead Sea Scrolls, their literary and historical context, and significance.

College

College of Arts and Humanities

Department

Department of History

JST3149 - The Jewish View of Jesus**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of 'C' (2.0) or better in ENC 1102 or C.I.

Course Description

Examination of how Jewish scholarship approaches the "historical Jesus" and early Judaeo-Christianity, particularly with regard to the ancient land of Israel.

College

College of Arts and Humanities

Department

Department of History

JST3190 - Social Justice & the Prophets**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of 'C' (2.0) or better in ENC 1102, or C.I..

Course Description

Examination of the concept of social justice among the Biblical prophets.

College

College of Arts and Humanities

Department

Department of History

JST3210 - Kabbalah: Jewish Mysticism**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102.

Course Description

Jewish mysticism from its early roots in the prophetic age through the flowering of Kabbalah in medieval Spain and the land of Israel, with its texts and the Zohar.

College

College of Arts and Humanities

Department

Department of History

JST3401 - Jewish People in Antiquity**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102.

Course Description

History and culture of the Jewish people from the beginnings of Judaism in the biblical era through the Graeco-Roman and rabbinic periods.

College

College of Arts and Humanities

Department

Department of History

JST3402 - Jewish People in the Common Era
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102.

Course Description

The history and culture of the Jewish People during the last two millennia, including the Muslim conquest to the rise of modern Israel.

College

College of Arts and Humanities

Department

Department of History

JST3415 - American Jewish History
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102.

Course Description

Jewish presence in America and its influence on and contribution to American life and culture.

College

College of Arts and Humanities

Department

Department of History

JST3424 - Biblical Archaeology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102.

Course Description

Examines archaeological excavations in Israel and the ancient Near East to shed light on events and stories recorded in the Bible.

College

College of Arts and Humanities

Department

Department of History

JST3450 - Modern Jewish Experience**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or C.I.

Course Description

Reading in literature depicting the modern Jewish experience in the past 150 years in the Jewish transition from ghetto and traditional life to modernity in Europe, America and pre-state Israel

College

College of Arts and Humanities

Department

Department of History

JST3481 - 20th Century Jewish History and Thought**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or C.I.

Course Description

Study of philosophers such as Buber, Rosenzweig, Kaplan, Heschel, Borowitz, Solovechik, within the historical context of European immigration to the U.S.

College

College of Arts and Humanities

Department

Department of History

JST3510 - Notable Women in Jewish History**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or C.I.

Course Description

Historical and cultural role of exceptional women in Judaism.

College

College of Arts and Humanities

Department

Department of History

JST3523 - Judaism and Islam
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102.

Course Description

Examines the relationship (in theory and practice) between two Abrahamic faiths, Judaism and Islam, including conflicts and commonalities between them.

College

College of Arts and Humanities

Department

Department of History

JST3550 - Introduction to Modern Judaism
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Course Description

Explores the key concepts and practices of the Jewish faith in a contemporary setting, emphasizing the changing nature of religious thought and observance.

College

College of Arts and Humanities

Department

Department of History

JST3551 - The Holy and the Profane: The Introduction of Secularism into Modern Judaism
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or JST 3401 or JST 3402 .

Course Description

Examines cultural, religious, and social processes from traditional Judaism to the beginning of secularism in 18th-19th century European Jewry by studying Hebrew & Jewish Enlightenment.

College

College of Arts and Humanities

Department

Department of History

JST3600 - Judaism and Science
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Course Description

An examination of the relationship between Judaism and modern science, including biblical, rabbinic and mystical teachings, with a focus on creation, cosmology and human life.

College

College of Arts and Humanities

Department

Department of History

JST3620 - Contemporary Jewish Ethics and Morality
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102.

Course Description

Moral concerns using the resources of the classical Judaic tradition.

College

College of Arts and Humanities

Department

Department of History

JST3701 - History of the Holocaust
Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

A comprehensive study of the Holocaust from 1933-1945, discussing the persecution of German Jews and the annihilation of the Jews in Europe.

College

College of Arts and Humanities

Department

Department of History

JST3751 - Literature of the Holocaust
Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

A study of the traumatic experience of the Holocaust in Europe as expressed and depicted in contemporary Jewish and Hebrew Literature.

College

College of Arts and Humanities

Department

Department of History

JST3803 - The Israeli Experience in Short Stories**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102.

Course Description

The Israeli experience in contemporary short stories. Themes include Judaism - Past & Present; War & Peace; Society; the Holocaust; the Kibbutz and Israeli reality.

College

College of Arts and Humanities

Department

Department of History

JST3820 - Modern Israeli Culture**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102.

Course Description

Development of the State of Israel: Political and ideological struggle for the establishment of the State of Israel, with emphasis on forces which shaped contemporary Israeli society and politics.

College

College of Arts and Humanities

Department

Department of History

JST3821 - Israel: Start-Up Nation**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in ENC 1102 or C.I.

Course Description

Development of Israel as a nation, including elements of nation building, the role of religion, culture, science, hi-tech and higher education.

College

College of Arts and Humanities

Department

Department of History

JST4160 - History of the Talmud: Law and Ethics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of 'C' (2.0) or better required in ENC 1102 or EUH 2000, or C.I.

Course Description

The history of the Talmud, and Talmudic texts and ethics; the Talmud as foundation of rabbinic law, and its application to problems past and present.

College

College of Arts and Humanities

Department

Department of History

KOR - Korean Language

KOR1120C - Elementary Korean Language and Civilization I
Credits Hours

4

Lab/Studio/Field Work Hours

0

Course Description

Beginning language course for those who have no prior or very limited knowledge in Korean.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

KOR1121C - Elementary Korean Language and Civilization II
Credits Hours

4

Lab/Studio/Field Work Hours

0

Prerequisites

- KOR 1120C.

Course Description

Continuation of KOR 1120C designed as a beginning language course for those who have no prior or limited knowledge Korean Language.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

KOR2200 - Intermediate Korean I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Complete all of the following
 - Complete the following:
 - KOR1121C - Elementary Korean Language and Civilization II (4)
 - Or Equivalent

Course Description

Development of language skills and cultural knowledge at the intermediate level.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

KOR2201 - Intermediate Korean II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Complete the following:
 - KOR2200 - Intermediate Korean I (3)

Course Description

Intermediate Korean I or equivalent Continuation of Intermediate Korean I with emphasis on Korean civilization.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

LAE - Language Arts & English Education

LAE3414 - Literature for Children
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to Undergraduate Elementary Education Program or C.I.

Course Description

Criteria for analysis and evaluation of children's literature in terms of interests, needs, and abilities of children.

College

College of Community Innovation and Education

Department

School of Teacher Education

LAE4314 - Language Arts in the Elementary School
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EDG 4410 or C.I.

Course Description

Content, principles, materials, and techniques involved in teaching, speaking, listening, writing, and spelling in the elementary school; organizing for instruction.

College

College of Community Innovation and Education

Department

School of Teacher Education

LAE4342 - Programs in Teaching Language and Composition**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EDG 4410;

Corequisites

- LAE 4360 and LAE 3940.

Course Description

Special programs, strategies and materials for middle and secondary English Language Arts majors. Emphasis on individual needs of students.

College

College of Community Innovation and Education

Department

School of Teacher Education

LAE4360 - English Instructional Analysis**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EDG 4410, EDF 4467, TSL 4080, and LAE 4464.

Corequisites

- LAE 4342 and LAE 3940.

Course Description

Course objectives for a school curriculum and methods and materials which have special application for teaching English at the middle grades and high school.

College

College of Community Innovation and Education

Department

School of Teacher Education

LAE4361 - Literacy Strategies in a Digital Age for Middle and High School**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to graduate program or C.I.

Course Description

Designed to assist teachers in understanding and presenting information using digital literacies, technological innovations, language arts skills and multicultural models of instruction for secondary instruction.

College

College of Community Innovation and Education

Department

School of Teacher Education

LAE4464 - Survey of Adolescent Literature**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1101 and admission to the college OR admission to English Language Arts Education minor.

Course Description

This course is designed to explore adolescent/young adult literature from an educational and historical perspective.

College

College of Community Innovation and Education

Department

School of Teacher Education

LAE4466 - Canon, Young Adult Literature and the English Language Arts Curriculum
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EDG 4410, TSL 4080.

Course Description

This course focuses on special application for teaching canonical texts while demonstrating the bridge between canonical text and young adult literature for teaching English Language Arts at middle and high school.

College

College of Community Innovation and Education

Department

School of Teacher Education

LAH - Latin American History

LAH3130 - Latin American History I
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EUH 2000 and EUH 2001 or C.I.

Course Description

The Colonial period.

College

College of Arts and Humanities

Department

Department of History

LAH3200 - Modern Latin America
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- WOH 2022.

Course Description

Investigates the broader themes of Latin American history from independence to the present.

College

College of Arts and Humanities

Department

Department of History

LAH3470 - History of the Caribbean
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EUH 2000 and EUH 2001 or C.I.

Course Description

History of Cuba, Puerto Rico, Dominican Republic, and Haiti from Pre-Columbian times to the present.

College

College of Arts and Humanities

Department

Department of History

LAH4136 - Colonial Florida
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 and AMH 2020 or C.I.

Course Description

History of Spanish Colonial Florida until 1821.

College

College of Arts and Humanities

Department

Department of History

LAH4461 - History of Puerto Rico
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Any two of the following: AMH 2010, AMH 2020, WOH 2012, or WHO 2022.

Course Description

History of Puerto Rico from pre-Columbian era to present.

College

College of Arts and Humanities

Department

Department of History

LAH4480 - History of Cuba
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Any two of the following: AMH 2010, AMH 2020, WOH 2012, or WOH 2022.

Course Description

History of Cuba from pre-Columbian era to present.

College

College of Arts and Humanities

Department

Department of History

LAH4503 - History of South America
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- WOH 2022 or C.I.

Course Description

History of South America by focusing on themes of economic, social, and cultural history in the 19th and 20th centuries.

College

College of Arts and Humanities

Department

Department of History

LAH4512 - Modern Argentina
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- WOH 2022.

Course Description

Examines the economic, social, and cultural history of Argentina.

College

College of Arts and Humanities

Department

Department of History

LAH4630 - History of Modern Brazil
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- WOH 2022 or C.I.

Course Description

Major themes of the history of modern Brazil (ca. 1750-present).

College

College of Arts and Humanities

Department

Department of History

LAH4780 - Poverty and Development in Latin America
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- WOH 2022.

Course Description

Examines the historical reasons for poverty and inequality in 20th century Latin America.

College

College of Arts and Humanities

Department

Department of History

LAS - Latin American Studies

LAS3002 - Topics in Latin American Studies
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPN 1121C or SPN 2200 or equivalent or C.I.

Course Description

Contemporary issues in Latin America including, among others, transformational events in culture, politics, education, and business.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

LAS3026 - Cuba: A Collective Portrait**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or C.I.

Course Description

Examine and reflect on various themes pertaining to Cuba's dynamic and rich culture, history, and society with an interdisciplinary approach.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

LAS3101 - Latin American Popular Culture**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPN 1120C and POR 1120

Course Description

Examines folklore and digital media of Latin American culture with a special focus on Mexico, Puerto Rico, and Peru.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

LAS3320 - Brazilian Culture
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102.

Course Description

Interdisciplinary examination of Brazilian culture through cinema, music, literature, and fine arts.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

LAS4023 - African Caribbean Experience
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or C.I.

Course Description

Interdisciplinary study of the evolution of African Caribbean culture, its influence on institutions, social and political movements, and contemporary Caribbean society.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

LAS4910 - LAS Capstone
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- LAS 3002.

Course Description

Research project in Latin American Studies.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

LDR - Leadership Studies

LDR2001 - Foundations of Leadership
Credits Hours

2

Lab/Studio/Field Work Hours

0

Prerequisites

- Student enrolled in LEAD Scholars, Leadership Studies minor or certificate.

Course Description

Introductory study into the foundations of leadership, including leadership theories and related principles and practices.

College

College of Undergraduate Studies

Department

Interdisciplinary Studies

LDR2002 - Intermediate Foundations of Leadership**Credits Hours**

2

Lab/Studio/Field Work Hours

0

Prerequisites

- LDR 2001.

Course Description

Intermediate study of leadership practices as related to translating a leadership vision into organizational effectiveness. Builds on the theories in the prerequisite Foundations of Leadership course.

College

College of Undergraduate Studies

Department

Interdisciplinary Studies

LDR2262 - Focused Volunteer Community Service**Credits Hours**

1

Lab/Studio/Field Work Hours

1

Course Description

Students will engage in volunteer experiences and reflect upon the value of those experiences.

College

College of Undergraduate Studies

Department

Interdisciplinary Studies

LDR3115 - Contemporary Issues in Leadership**Credits Hours**

3

Prerequisites

- ENC 1101, 1102

Course Description

The Contemporary Issues in Leadership course is designed to help students in the General Studies major be able to define and apply leadership and civic engagement concepts, practices, and theories to their community or to the environment in which they live or serve professionally.

College

College of Undergraduate Studies

Department

Interdisciplinary Studies

LDR3215 - Leadership Through Service: An Advanced Leadership Experience**Credits Hours**

2

Lab/Studio/Field Work Hours

0

Prerequisites

- LDR 2001 and LDR 2002.

Course Description

Theories, processes, and leadership role in social change will be explored, contemporary leadership theories and practices related to citizenship and civic engagement will be studied, and leadership will be practiced in various settings.

College

College of Undergraduate Studies

Department

Interdisciplinary Studies

LDR3950 - Leadership in Action: Capstone Experience for LEAD Scholars**Credits Hours**

2

Lab/Studio/Field Work Hours

0

Prerequisites

- LDR 3215.

Course Description

Leadership issues and theories, including related principles and practices. Students will develop a professional portfolio, reflect on their course of study, practice public speaking, and articulate their leadership philosophy.

College

College of Undergraduate Studies

Department

Interdisciplinary Studies

LEI - Leisure

LEI4266 - Outdoor and Leisure Activities**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- Admission to the Sport and Exercise Science Program or Community Sport and Fitness Minor, and minimum overall 2.5 GPA.

Course Description

Study of contemporary outdoor and leisure activities. Course will include but not be limited to the "adventure activity curriculum," camping, water activities, fishing, orienteering, hiking.

College

College of Community Innovation and Education

Department

School of Teacher Education

LIN - Linguistics

LIN3010 - Principles of Linguistics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENC 1102.

Course Description

An overview of the modern linguist's approach to language. Analytic methods of phonology, morphology, syntax. Brief systematic survey of dialectology, language acquisition, and semantics.

College

College of Arts and Humanities

Department

Department of English

LIN3673 - Rhetorical Grammar**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102.

Course Description

Focus on learning and practicing grammatical techniques that today's expert writers use to increase rhetorical impact on the reader.

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

LIN3713 - Language Science**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- SPA 3471.

Course Description

Language components, models of language production and comprehension, and theories of language development.

College

College of Health Professions and Sciences

Department

School of Communication Sciences and Disorders

LIN3716 - Language Development**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- LIN 3713

Corequisites

- LIN 3716L.

Course Description

Spoken and written language development from infancy to adulthood.

College

College of Health Professions and Sciences

Department

School of Communication Sciences and Disorders

LIN3716L - Language Development Lab**Credits Hours**

2

Lab/Studio/Field Work Hours

2

Prerequisites

- LIN 3713

Corequisites

- LIN 3716.

Course Description

Procedures for sampling, analyzing, and describing language in children and adolescents.

College

College of Health Professions and Sciences

Department

School of Communication Sciences and Disorders

LIN4105 - History of the English Language**Credits Hours**

3

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102 or C.I.

Course Description

Study of the English language and its development from Old English to Modern.

College

College of Arts and Humanities

Department

Department of English

LIN4660 - Linguistics and Literature**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in LIN 3010 or C.I.

Course Description

Language study as an aid to understanding literature.

College

College of Arts and Humanities

Department

Department of English

LIN4680 - Modern English Grammar**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102 or C.I.

Course Description

Emphasis upon the analysis and comparison of traditional, structural, and transformational grammar.

College

College of Arts and Humanities

Department

Department of English

LIN4801 - Language and Meaning**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102 or C.I.

Course Description

A study of language and meaning in social, civic, cultural, and professional settings.

College

College of Arts and Humanities

Department

Department of English

LIT - Literature

LIT2110 - World Literature I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102.

Course Description

Poetry, prose, and drama selected from ancient Hebrew, Greek, and Oriental literature and from that of Renaissance Europe.

College

College of Arts and Humanities

Department

Department of English

LIT2120 - World Literature II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102.

Course Description

Readings from Moliere, Voltaire, Goethe, Pushkin, Balzac, Tolstoy, Ibsen, Mann, Kafka, Camus, and others.

College

College of Arts and Humanities

Department

Department of English

LIT3082 - Continental European Fiction Since 1900
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENC 1102.

Course Description

A selection of significant works of fiction written in various languages during the present century, read in translation.

College

College of Arts and Humanities

Department

Department of English

LIT3132 - Legend & Literature of King Arthur
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in ENC 1102 or C.I.

Course Description

Surveys 1500 years of Arthurian legend and literature, including such authors as Thomas Malory, Chretien de Troyes, and Mark Twain.

College

College of Arts and Humanities

Department

Department of English

LIT3192 - Caribbean Literature
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENC 1102.

Course Description

Traces how Caribbean societies have achieved self-expression through documentary writing, prose fiction, and popular culture; in English.

College

College of Arts and Humanities

Department

Department of English

LIT3192H - Honors Caribbean Literature**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Permission of Honors and ENC 1102H or equivalent credit.

Course Description

How Caribbean societies have achieved self-expression through documentary writing, prose fiction, and popular culture; taught in English. Honors content.

College

College of Arts and Humanities

Department

Department of English

LIT3202 - Death and Dying**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102 or C.I.

Course Description

Considering the topic of death and dying through a study of literature, the course includes facts, psychological impact, ideological responses to death and identity.

College

College of Arts and Humanities

Department

Department of English

LIT3202H - Honors Death and Dying
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102H or equivalent credit, and consent of Honors.

Course Description

Explores the subject of death and grief in a variety of literary genres (fiction, memoir, non-fiction). With Honors content.

College

College of Arts and Humanities

Department

Department of English

LIT3206 - Place and Space in Literature
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in ENC 1102 or C.I.

Course Description

Analysis of how authors develop place and space and how this creates meaning in texts.

College

College of Arts and Humanities

Department

Department of English

LIT3206H - Honors Place and Space in Literature
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Consent of Honors.

Course Description

Analysis of how authors develop place and space and how this creates meaning in texts. With Honors content.

College

College of Arts and Humanities

Department

Department of English

LIT3212 - Research & Writing About Literature
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in ENC 1102 or C.I.

Course Description

Research, writing, and critical analysis skills applicable to upper-level literature courses

College

College of Arts and Humanities

Department

Department of English

LIT3313 - Science Fiction**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102 or C.I.

Course Description

An investigation of science fiction as a literary form, together with selected readings.

College

College of Arts and Humanities

Department

Department of English

LIT3313H - Honors Science Fiction Literature**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Permission of Honors and ENC 1102H or equivalent credit.

Course Description

An investigation of science fiction as a literary form, together with selected readings. Honors content.

College

College of Arts and Humanities

Department

Department of English

LIT3368 - Magical Realism in Literature**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in ENC 1102, or C.I.

Course Description

Magical realism in literature, including consideration of its popularity, development, and treatment in various cultural contexts.

College

College of Arts and Humanities

Department

Department of English

LIT3381 - Women Writers of Color**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102 or C.I.

Course Description

Examines the cultural productions of women writers of color in the Americas with a particular focus on literature, theory, and film.

College

College of Arts and Humanities

Department

Department of English

LIT3383 - Women in Literature**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102 or C.I.

Course Description

Fiction, poetry, drama and non-fiction by selected women writers, such as Emily Dickinson, Jane Austen, George Eliot, Kate Chopin, Zora Neale Hurston, Toni Morrison, Adrienne Rich, Gwendolyn Brooks.

College

College of Arts and Humanities

Department

Department of English

LIT3383H - Honors Women in Literature**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Permission of Honors and ENC 1102H or equivalent credit.

Course Description

Fiction, poetry, drama and non-fiction by selected women writers, such as Emily Dickinson, Jane Austen, George Eliot, Kate Chopin, Zora Neale Hurston, Toni Morrison, Adrienne Rich, Gwendolyn Brooks. Honors content.

College

College of Arts and Humanities

Department

Department of English

LIT3394 - Literature of AIDS**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102 or C.I.

Course Description

To familiarize students with the new genre of literature that has arisen related to AIDS. Essays, short stories, plays, poetry, diaries, and novels will be covered.

College

College of Arts and Humanities

Department

Department of English

LIT3394H - Honors Literature of AIDS**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Consent of Honors and ENC 1102H or equivalent credit.

Course Description

Literature related to AIDS: Essays, short stories, plays, poetry, diaries, and novels. Honors content.

College

College of Arts and Humanities

Department

Department of English

LIT3437 - International Environmental Justice Literature
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102 or C.I.

Course Description

Literary and creative works from different genres and international authors addressing issues and stories related to environmental justice themes, such as toxics and land use.

College

College of Arts and Humanities

Department

Department of English

LIT3482 - Literature & Popular Culture
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102 or C.I.

Course Description

Analysis of media to determine popular values in the formation of popular cultural perceptions.

College

College of Arts and Humanities

Department

Department of English

LIT3482H - Honors Literature & Popular Culture
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Consent of Honors.

Course Description

Analysis of media to determine popular values in the formation of popular cultural perceptions. With Honors Content.

College

College of Arts and Humanities

Department

Department of English

LIT3605 - Literature and War
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in ENC 1102, or C.I.

Course Description

Varied representations of war in literature.

College

College of Arts and Humanities

Department

Department of English

LIT3607 - Mad, Bad, and Dangerous: Roles and Images of Writers in Society**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- English major or minor, and grade of "C" (2.0) or better required in CRW 3013 and CRW 3053, or C.I.

Course Description

Representations of writers in films and texts, including multi-cultural and gendered aspects, and how these ideals, stereotypes, and cultural roles affect student writers.

College

College of Arts and Humanities

Department

Department of English

LIT3714 - Literary Modernism**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102 or C.I.

Course Description

Examines a specific period, a literary movement, and a set of aesthetic/formal practices applied to poetry, novels, essays, and manifestos.

College

College of Arts and Humanities

Department

Department of English

LIT3823 - Hispanic Women Writers
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102 or C.I.

Course Description

Hispanic women writers in a variety of genres.

College

College of Arts and Humanities

Department

Department of English

LIT3833 - Modern Asian Literature
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102 or C.I.

Course Description

Asian literatures in different genres translated into English or written in English from the modern period. Various countries emphasized in different iterations.

College

College of Arts and Humanities

Department

Department of English

LIT3835 - Translated Modern Chinese Novels**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in ENC 1102, or C.I.

Course Description

Chinese novels in English translation from the modern and contemporary periods.

College

College of Arts and Humanities

Department

Department of English

LIT3905 - Directed experience in Literature**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102, C.I.

Course Description

Individualized topics of study and/or research in literature with personalized faculty direction.

College

College of Arts and Humanities

Department

Department of English

LIT3931 - Topics in World Literature
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102 or C.I.

Course Description

Themes, modes, and genres from literature outside of the U.S.

College

College of Arts and Humanities

Department

Department of English

LIT3932 - Topics in Popular Fiction
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENC 1102 or C.I.

Course Description

Examines genres in popular fiction such as the western, romance, detective, fantasy, horror, or mystery.

College

College of Arts and Humanities

Department

Department of English

LIT3933 - Literature and Law
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in ENC 1102 or C.I.

Course Description

Reading, analysis, and discussion of law, crime, and punishment in literature from historical or contemporary perspectives.

College

College of Arts and Humanities

Department

Department of English

LIT3933H - Honors Literature and Law
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Consent of Honors.

Course Description

Reading, analysis, and discussion of law, crime, and punishment in literature from historical or contemporary perspectives. With Honors Content.

College

College of Arts and Humanities

Department

Department of English

LIT4034 - Contemporary Poetry In English**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENG 3014 or C.I.

Course Description

Poetry written in English after the mid-twentieth century, including North American, British, Irish, and Anglophone countries.

College

College of Arts and Humanities

Department

Department of English

LIT4043 - Modern Drama As Literature**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENG 3014.

Course Description

A study of important plays, playwrights, themes, movements, and styles in modern American, British, and European drama.

College

College of Arts and Humanities

Department

Department of English

LIT4184 - Irish Literature**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENG 3014.

Course Description

Study of literature written in Ireland, within the context of Irish history, politics, culture and colonial experience.

College

College of Arts and Humanities

Department

Department of English

LIT4233 - Postcolonial Theory and Literature**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENG 3014.

Course Description

Focus on the nature of colonial discourse, the strength of postcolonial rewritings, and the relationship of postcolonial theory to other theories.

College

College of Arts and Humanities

Department

Department of English

LIT4244 - World Authors**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better required in ENG 3014 or C.I.

Course Description

Study of the works of a single non-British and non-U.S. author who composes in English.

College

College of Arts and Humanities

Department

Department of English

LIT4303 - Post-World War II Fiction**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENG 3014.

Course Description

An investigation of various modes of reality in the works of significant postmodernist world authors, crossing cultural boundaries.

College

College of Arts and Humanities

Department

Department of English

LIT4374 - The Literature of the Hebrew and Christian Bibles**Credits Hours**

3

Prerequisites

- Grade of C (2.0) or better required in ENG 3014.

Course Description

Literary forms in the Hebrew and Christian Bibles - narrative, poetic, and dramatic - and their reflection in modern literature.

College

College of Arts and Humanities

Department

Department of English

LIT4374H - Honors The Literature of the Hebrew and Christian Bibles**Credits Hours**

3

Prerequisites

- Permission of Honors and ENC 1101H or equivalent credit.

Course Description

Literary forms in the Hebrew and Christian Bibles - narrative, poetic, and dramatic - and their reflection in modern literature. Honors content.

College

College of Arts and Humanities

Department

Department of English

LIT4433 - Literature of Science and Technology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in ENC 1102 or CI.

Course Description

Major works of non-fiction that address and describe the history, philosophy, politics, and new ideas in science and technology.

College

College of Arts and Humanities

Department

Department of English

LIT4554 - Advanced Feminist Theories**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENC 1102, WST 3015 or ENG 3014.

Course Description

An advanced exploration of feminist critical theories and practices.

College

College of Arts and Humanities

Department

Department of English

MAA - Mathematics Analysis

MAA4226 - Advanced Calculus I**Credits Hours**

4

Lab/Studio/Field Work Hours

0

Prerequisites

- MHF 3302, MAC 2313 and MAS 3106, or C.I.

Course Description

Limits, sequences, and continuity, differentiation and integration. Derivations of integrals. Infinite series and convergence. The Balzano-Weierstrass Theorem and the Heine-Borel Theorem. Extensions in Euclidean n-space.

College

College of Sciences

Department

Department of Mathematics

MAA4227 - Advanced Calculus II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAA 4226 or C.I.

Course Description

Continuation of MAA 4226.

College

College of Sciences

Department

Department of Mathematics

MAA4402 - Introduction to Complex Variables
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAC 2313 and MAP 2302 and MHF 3302, or C.I.

Course Description

Analytic functions and complex integration. Residue integration, Taylor and Laurent series, conformal mapping and the application of complex analysis to Potential Theory.

College

College of Sciences

Department

Department of Mathematics

MAA4934 - Topics in Analysis
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAS 3106 and MAA 4226, or C.I.

Course Description

Advanced topics in analysis. Selection of topics will vary.

College

College of Sciences

Department

Department of Mathematics

MAC - Mathematics Calculus and Precalculus

MAC1105C - College Algebra
Credits Hours

3

Lab/Studio/Field Work Hours

3

Prerequisites

- Appropriate score on the UCF Math Placement exam, or MAT 1033C with a "C" (2.0) or better, or C.I.

Course Description

Inequalities. High degree polynomials. Graphs, rational, logarithmic, and exponential functions. Systems of equations. The "NC" grading policy applies to this course.

College

College of Sciences

Department

Department of Mathematics

MAC1114C - College Trigonometry**Credits Hours**

3

Lab/Studio/Field Work Hours

3

Prerequisites

- Appropriate score on the UCF Math Placement Exam, or MAC 1105C with a "C" (2.0) or higher, or C.I.

Course Description

The circle arc length, identities, trigonometric functions, inverse functions, applications to simple harmonic motion, function of angles, complete development of triangle solving. Prepares students for upper level mathematics. The "NC" grading policy applies to this course.

College

College of Sciences

Department

Department of Mathematics

MAC1140C - Pre-Calculus Algebra**Credits Hours**

3

Lab/Studio/Field Work Hours

3

Prerequisites

- Appropriate score on the Math Placement Exam, or MAC 1105C with a "C" (2.0) or better, or C.I.

Course Description

Properties and graphs of polynomials, rational, exponential and logarithmic functions, matrices, sequences and series, conics, induction, binomial theorem. Introduction to limits. Prepares students for upper level mathematics. The "NC" grading policy applies to this course.

College

College of Sciences

Department

Department of Mathematics

MAC2147 - Mathematics for Calculus**Credits Hours**

5

Lab/Studio/Field Work Hours

0

Prerequisites

- Solid background in algebra or trigonometry, or C.I.

Course Description

For students with good mathematical backgrounds who do not want to go directly into calculus. Topics include matrices, determinants, permutations, combinations, sequences, series, induction, trigonometric functions. The "NC" grading policy applies to this course.

College

College of Sciences

Department

Department of Mathematics

MAC2233 - Concepts of Calculus**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Appropriate score on the UCF Math Placement Exam, or MAC 1140C with a C (2.0) or better, or C.I.

Course Description

The differential and integral calculus of rational, exponential and logarithmic functions, with applications to business analysis. Not open to students with credit in MAC 2253 or MAC 2311C. The "NC" grading policy applies to this course.

College

College of Sciences

Department

Department of Mathematics

MAC2253 - Applied Calculus**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Appropriate score on the UCF Math Placement Exam, or MAC 1140C with a C (2.0) or better and MAC 1114C with a C (2.0) or better, or C.I.

Course Description

Differential and integral calculus. Applications to engineering technology. Not open to students with credit in MAC 2233 or MAC 2311C. The "NC" grading policy applies to this course.

College

College of Sciences

Department

Department of Mathematics

MAC2311C - Calculus with Analytic Geometry I**Credits Hours**

4

Lab/Studio/Field Work Hours

2

Prerequisites

- Appropriate score on the UCF Math Placement Exam, or MAC 1140C with a "C" (2.0) or better and MAC 1114C with a grade of "C" (2.0) or better, or combination of appropriate score on the UCF Math Placement Exam and "C" (2.0) or better in MAC 1114 or MAC 1140C , or MAC 2147 or C.I.

Course Description

Analytic geometry; limits, continuity, differentiation of algebraic and trigonometric functions; applications of derivatives; integration and the fundamental theorem of calculus; applications of definite integrals. Not open to students with credit in MAC 2241, The "NC" grading policy applies to this course.

College

College of Sciences

Department

Department of Mathematics

MAC2311K - Honors Calculus with Analytic Geometry I**Credits Hours**

4

Lab/Studio/Field Work Hours

0

Prerequisites

- Appropriate score on the UCF Math Placement Exam, or MAC 1140C with a "C" (2.0) or better and MAC 1114C with a grade of "C" (2.0) or better, or combination of appropriate score on the UCF Math Placement Exam and "C" (2.0) or better in MAC 1114C or MAC 1140C, or MAC 2147, and consent of Honors.

Course Description

Analytic geometry; limits, continuity, differentiation of algebraic and trigonometric functions; applications of derivatives; integration and the fundamental theorem of calculus; applications of definite integrals. The "NC" grading policy applies to this course. With Honors content.

College

College of Sciences

Department

Department of Mathematics

MAC2312 - Calculus with Analytic Geometry II**Credits Hours**

4

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in MAC 2311C, or credit by exam equivalency for MAC2311C, or C.I.

Course Description

Differentiation and integration of exponential, logarithmic, inverse trigonometric functions; techniques of integration; further applications of integration; parametric equations, polar coordinates; infinite sequences and series.

College

College of Sciences

Department

Department of Mathematics

MAC2312H - Honors Calculus with Analytic Geometry II**Credits Hours**

4

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in MAC 2311C, or credit by exam equivalency for MAC2311C, and consent of Honors.

Course Description

Differentiation and integration of exponential, logarithmic, inverse trigonometric functions; techniques of integration; further applications of integration; parametric equations, polar coordinates; infinite sequences and series. With Honors content.

College

College of Sciences

Department

Department of Mathematics

MAC2313 - Calculus with Analytic Geometry III**Credits Hours**

4

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in MAC 2312, or score of 5 on the Calculus BC Advanced Placement Exam, or C.I.

Course Description

Geometry of higher dimensional Euclidean space; vectors and vector functions; partial derivatives; multiple integrals; line integrals; vector fields; Green's Theorem and Stoke's Theorem.

College

College of Sciences

Department

Department of Mathematics

MAC2313H - Honors Calculus with Analytic Geometry III

Credits Hours

4

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in MAC 2312, or score of 5 on the Calculus BC Advanced Placement Exam, and permission of Honors.

Course Description

Geometry of higher dimensional Euclidean space; vectors and vector functions; partial derivatives; multiple integrals; line integrals; vector fields; Green's Theorem and Stoke's Theorem. With Honors content.

College

College of Sciences

Department

Department of Mathematics

MAD - Mathematics Discrete

MAD2104 - Foundations of Discrete Math

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- 2 years of high school algebra and 1 year of geometry or C.I.

Course Description

Basic mathematical logic, methods of proof in mathematics, and application to elementary discrete structure.

College

College of Sciences

Department

Department of Mathematics

MAD4203 - Introduction to Combinatorics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAC 2312, and either MHF 3302 or COT 3100C, or C.I.

Course Description

Counting principles; permutations and combinations, multisets; recurrence relations and generating functions; combinatorial designs; the Polya theory of counting.

College

College of Sciences

Department

Department of Mathematics

MAD4301 - Introduction to Graph Theory**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Either MHF 3302 or COT 3100C, or C.I.

Course Description

Graph theory; isomorphism, connectivity; traversability, matchings, factorizations; planarity, colorings, and Ramsey number.

College

College of Sciences

Department

Department of Mathematics

MAD4934 - Topics in Discrete Mathematics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAS 3106 and either MAD 4203 or MAD 4301, or C.I.

Course Description

Advanced topics in discrete mathematics. Selection of topics will vary.

College

College of Sciences

Department

Department of Mathematics

MAE - Mathematics Education**MAE2801 - Elementary School Mathematics****Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- MAC 1105C or MGF 1106.

Course Description

Mathematics appropriate for the elementary school including the six basic sets of numbers, concepts, learning sequences, algorithms, problem-solving techniques, error patterns, number systems, and geometry.

College

College of Community Innovation and Education

Department

School of Teacher Education

MAE3310 - Elementary Mathematics for Teaching I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the Elementary Education B.S. - Pending, Elementary Education B.S - Education Track, Elementary Education B.S. - Lifelong Learning Track, Exceptional Student Education B.S., Early Childhood Development and Education B.S. or Early Childhood Development and Education Pending program.

Course Description

This course will address pedagogical content knowledge for teaching whole number concepts and operations, integer concepts, geometry and algebraic reasoning.

College

College of Community Innovation and Education

Department

School of Teacher Education

MAE3311 - Elementary Mathematics for Teaching II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAE 3310 with a "C" (2.0) or better.

Course Description

This course will address pedagogical content knowledge for teaching rational number concepts and operations, measurement, and algebraic reasoning.

College

College of Community Innovation and Education

Department

School of Teacher Education

MAE3366 - Middle and High School Mathematics for Teaching
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to Secondary Education B.S Pending, Secondary Education B.S. Mathematics Education Track , Lifelong Learning Track, Mathematics Education Minor or C.I.

Course Description

This course provides a foundation in the pedagogical content knowledge for teaching mathematics appropriate for the middle and high school settings with an emphasis on algebra and geometry.

College

College of Community Innovation and Education

Department

School of Teacher Education

MAE4300 - Math Curriculum and Assessment in Early Childhood
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- (EEC 4604, EEC 4207, EEX 3450, RED 3012, and TSL 4240), and senior standing

Corequisites

- EEC 4235C, RED 4311 and SCE 4304

Course Description

Methodologies for teaching and assessing young children in mathematics concepts and skills through an integrated, developmentally appropriate program.

College

College of Community Innovation and Education

Department

School of Teacher Education

MAE4326 - How Children Learn Mathematics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAE 3310 , MAE 3311 and admission to Elementary Education B.S - Education Track

Corequisites

- EDE 3942.

Prerequisites/Corequisites

- PR: MAE 3310 , MAE 3311 and admission to Elementary Education B.S - Education Track. CR: EDE 3942.

Course Description

Instructional strategies, learning activities, the use of manipulatives, lesson planning, evaluation of mathematical learning, and diagnostic techniques.

Current Fee Per Student

\$10.00

College

College of Community Innovation and Education

Department

School of Teacher Education

MAE4333 - Teaching Geometry in the Secondary Schools**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: Admission to Secondary Education B.S Pending or Secondary Education B.S. Mathematics Education Track or Lifelong Learning Track or C.I.

Course Description

This course addresses specific techniques for developing geometry skills beginning in the general mathematics classes of grade 6 through the high school geometry course.

College

College of Community Innovation and Education

Department

School of Teacher Education

MAE4339 - Teaching Algebra in Secondary Schools
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: Admission to Secondary Education B.S. Mathematics Education Track or Lifelong Learning Track or C.I.

Course Description

Strategies for teaching algebraic thinking in middle and high school.

College

College of Community Innovation and Education

Department

School of Teacher Education

MAE4360 - Mathematics Instructional Analysis
Credits Hours

4

Lab/Studio/Field Work Hours

2

Prerequisites

- EDG 4410 and MAE 4634.

Corequisites

- MAE 3940.

Course Description

Study of course objectives for the middle grades and high school curriculum and survey of methods and materials which have special application for teaching mathematics.

College

College of Community Innovation and Education

Department

School of Teacher Education

MAE4383 - Teaching Secondary Mathematics with Technology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: Admission to Secondary Education B.S Pending or Secondary Education B.S. Mathematics Education Track or Lifelong Learning Track or admission to Mathematics Education minor or C.I.

Course Description

The application of educational technology to mathematics instruction including graphing calculators, apps, applets, virtual manipulatives, simulations, and mathematics software.

College

College of Community Innovation and Education

Department

School of Teacher Education

MAE4634 - Programs in Teaching of Mathematics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to Secondary Education B.S - Mathematics Education Track, Lifelong Learning Track or Mathematics Education Minor

Prerequisites/Corequisites

- Admission to Secondary Education B.S - Mathematics Education Track, Lifelong Learning Track or Mathematics Education Minor

Course Description

A consideration of special programs, strategies, and materials. Emphasis on individual needs of students.

College

College of Community Innovation and Education

Department

School of Teacher Education

MAN - Management

MAN3025 - Management of Organizations**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ACG 2021 and ECO 2013 or ECO 2023 each with a grade of "C" (2.0) or better, or for non-business majors, ECO 2013 or ECO 2023 with a grade of "C" (2.0) or better.

Course Description

Introduction to the theory and practice of managing formal organizations, including planning, organization theory, human behavior and control.

College

College of Business Administration

Department

Department of Management

MAN3025H - Honors Management of Organizations**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ACG 2021 and ECO 2013 or ECO 2023 each with a grade of "C" (2.0) or better, and consent of Honors.

Course Description

Introduction to the theory and practice of managing formal organizations, including planning, organization theory, human behavior, and control. Applicable to honors students.

College

College of Business Administration

Department

Department of Management

MAN3301 - Strategic Human Resource Management**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore standing and ENC 1102

Course Description

Provides students with a complete, comprehensive review of the strategic importance of the essential human resource management concepts and techniques for any student majoring in Management.

College

College of Business Administration

Department

Department of Management

MAN3302 - Essentials of Human Resource Management for Integrated Business**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Completion of MAN 3025 with a grade of "C" or better

Course Description

Prepares managers to contribute to the development and implementation of HR policies and practices. Legal issues and relationships with other business functions are emphasized.

College

College of Business Administration

Department

Department of Integrated Business

MAN3520 - Quality & Productivity Management
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAN 3025. Management Majors and Minors and students whose major requires it.

Prerequisites/Corequisites

- MAN 3025. Management Majors and Minors and students whose major requires it.

Course Description

Principles and theories of quality and operations management in manufacturing and service organizations.

College

College of Business Administration

Department

Department of Management

MAN4046 - Teamwork, Collaboration, and Group Dynamics

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the Management major, Technological Entrepreneurship Minor, Entrepreneurship Minor or Entrepreneurship Certificate program

Course Description

Examination of concepts related to teams and group dynamics, and development of an understanding of how to become an effective team member, leader, and designer.

College

College of Business Administration

Department

Department of Management

MAN4101 - Human Relations in Management**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Management major, MAN 3025.

Course Description

The study of individual, interpersonal, group, and intergroup problems in business organizations through the use of cases and experimental exercises.

College

College of Business Administration

Department

Department of Management

MAN4143 - Leadership Development**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the Management major, Technological Entrepreneurship Minor, Entrepreneurship Minor or Entrepreneurship Certificate program.

Course Description

Provides a foundation on the leadership development process and the impact leaders can have on individuals, groups, and organizations.

College

College of Business Administration

Department

Department of Management

MAN4209 - Designing Dynamic Organizations**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the Management major.

Course Description

Explores how innovative organization design represents an important source of competitive advantage for organizations of all types.

College

College of Business Administration

Department

Department of Management

MAN4240 - Organizations: Theory and Behavior**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Completion of MAN 3025 and students admitted into any of the restricted business majors.

Prerequisites/Corequisites

- Completion of MAN 3025 and students admitted into any of the restricted business majors.

Course Description

A course providing a micro/macro approach to the study of organizations by integrating organizational theory and organizational behavioral science concepts.

College

College of Business Administration

Department

Department of Management

MAN4320 - Human Resources Recruitment and Selection**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAN 3301 or MAN 3302

Course Description

A concentrated investigation of the methods appropriate to the development, implementation and administration of the staffing process in contemporary organizations

College

College of Business Administration

Department

Department of Management

MAN4329 - Business Analytics in Human Resource Management**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAN 3301 or MAN 3302

Course Description

Processes, methodologies, infrastructure, and current practices used to transform data from many sources into useful information for human resource management and decisions.

College

College of Business Administration

Department

Department of Management

MAN4330 - Compensation Administration**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAN 3301 or MAN 3302

Course Description

Presentation of compensation theory and current pay related issues and their application to the design and administration of pay systems in large and small organizations

College

College of Business Administration

Department

Department of Management

MAN4350 - Performance Management**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAN 3301 or MAN 3302

Course Description

The management of worker performance through the training and development activities delivered by organizational specialists. Theory, issues, practices and problems are discussed.

College

College of Business Administration

Department

Department of Management

MAN4441 - Conflict Resolution and Negotiation**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Completion of MAN 3025 and students admitted into any of the restricted business majors.

Prerequisites/Corequisites

- Completion of MAN 3025 and students admitted into any of the restricted business majors.

Course Description

Conflict resolution and negotiation theories and processes applied to human resource management practices and other management activities in work organizations.

College

College of Business Administration

Department

Department of Management

MAN4532 - Introduction to Collaborative Design**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Senior standing and C.I.

Course Description

Business students will team with engineering students to obtain hands on experience at solving real world design problems in a team based environment.

College

College of Business Administration

Department

Department of Management

MAN4583 - Project Management**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the Integrated Business major or Management major.

Course Description

Foundations of project management in assorted organizations and industries. Covers the project environment, the project manager's role, and project phases from initiation to closing.

College

College of Business Administration

Department

Department of Management

MAN4600 - International Management**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Approved major or minor, MAN 3025.

Course Description

The course examines issues involved in multinational management of business firms, with special emphasis on comparative management.

College

College of Business Administration

Department

Department of Management

MAN4701 - Business Ethics and Society**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Management major, MAN 3025.

Course Description

This course applies the ethics dimension to business decisions in today's complex political, social, economic and technological environment.

College

College of Business Administration

Department

Department of Management

MAN4720 - Strategic Management**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admitted to Business major, senior standing, and completion of MAN 3025, MAR 3023, FIN 3403, QMB 3200, and ACG 3173 or ACG 3131.

Course Description

Students assume a strategic view of organizations and integrate and apply material learned in their business courses to modern organizational problems and opportunities.

College

College of Business Administration

Department

Department of Management

MAN4720H - Honors Strategic Management**Credits Hours**

3

Prerequisites

- Admitted to Business major, senior standing, admitted to Honors College and completion of: MAN 3025, MAR 3023, FIN 3403, QMB 3200, and ACG 3173 or ACG 3131.

Course Description

Students assume a strategic view of organizations and integrate and apply material learned in their business courses to modern organizational problems and opportunities. Applicable to honors students.

College

College of Business Administration

Department

Department of Management

MAN4941 - Management Internship**Credits Hours**

3

Lab/Studio/Field Work Hours

3

Prerequisites

- Management major, application approval, consent of department chair.

Course Description

Provides student with supervised, management-related work experience in a sponsoring organization. See department for information; application required.

College

College of Business Administration

Department

Department of Management

MAP - Mathematics Applied

MAP2302 - Ordinary Differential Equations I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in MAC 2313, or C.I.

Course Description

Methods of solution for first order equations. Linear equations. Laplace transforms. Series solutions. Selected applications.

College

College of Sciences

Department

Department of Mathematics

MAP2302H - Honors Differential Equations**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in MAC 2313, and permission of Honors.

Course Description

Methods of solution for first order equations. Linear equations. Numerical methods; Laplace transforms. Series solutions. Selected applications. Students will complete projects. For Honors students from all disciplines.

College

College of Sciences

Department

Department of Mathematics

MAP3482H - Honors Systems Modeling and Simulation**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Permission of Honors and MAC 2312.

Course Description

Population growth dynamics; spread of an epidemic; ecological predator-prey relationships; insulin and its use in the control of diabetes; economic systems.

College

College of Sciences

Department

Department of Mathematics

MAP3923 - Frontiers in Mathematical Research: Colloquia and Public Talks**Credits Hours**

1

Lab/Studio/Field Work Hours

0

Prerequisites

- MAP 2302 or C.I.

Course Description

Current research in mathematics and related fields, as presented by leading national and international researchers. May not be used to satisfy requirements for mathematics major or minor.

College

College of Sciences

Department

Department of Mathematics

MAP4103 - Mathematical Modeling I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAS 3105 or MAS 3106, and MAP 2302, or C.I.

Course Description

An introduction to the study of mathematical modeling.

College

College of Sciences

Department

Department of Mathematics

MAP4112 - Mathematical Foundations of Machine Learning and Artificial Intelligence**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAC 2313 and MAS 3105

Course Description

Machine Learning, Artificial Intelligence, Expectation Maximalization algorithm, Projections Principal Component Analysis, Mixture Models, Support Vector Machines, Kernel methods.

College

College of Sciences

Department

Department of Mathematics

MAP4113 - Probability, Random Processes and Applications**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAC 2313.

Course Description

Elementary probability theory; modes of convergence; martingales, Gaussian, Wiener, and diffusion processes; Brownian motion; applications.

College

College of Sciences

Department

Department of Mathematics

MAP4153 - Vector and Tensor Analysis**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAS 3105 or MAS 3106, and MAP 2302, or C.I.

Course Description

Vector calculus. The theorems of Green, Gauss and Stokes. Introduction to tensors. Application in engineering and physical sciences.

College

College of Sciences

Department

Department of Mathematics

MAP4171 - Optimization**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAC 2313, and MAP 2302, and MAS 3105 or MAS 3106, or C.I.

Course Description

Linear programming, dynamic programming, control theory, integer programming.

College

College of Sciences

Department

Department of Mathematics

MAP4191 - Mathematical Modeling of Data**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAC2313 and (MAS3105 or equivalent)

Course Description

Modeling methodologies: choosing, applying, and interpreting mathematical models and analysis for data problems.

College

College of Sciences

Department

Department of Mathematics

MAP4303 - Ordinary Differential Equations II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAP 2302, and MAS 3105 or MAS 3106, or C.I.

Course Description

Systems of linear differential equations, numerical solutions introduction, stability theory & phase plane analysis, introduction to limit cycles, bifurcations & chaos, power series solutions of differential equations.

College

College of Sciences

Department

Department of Mathematics

MAP4341 - Introduction to Partial Differential Equations**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAP 2302, and MAS 3105 or MAS 3106, or C.I.

Course Description

Introduction to second-order linear partial differential equations - heat, wave and Laplace equations, separation of variables in PDEs, Sturm-Liouville eigenvalue problems, Fourier series analysis and Green's functions, Laplace and Fourier transform methods.

College

College of Sciences

Department

Department of Mathematics

MAP4342 - Partial Differential Equations II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAS 3105 or MAS 3106, and MAP 4341.

Course Description

Green's Functions, Integral Transforms, Laplace and Fourier transforms applied to heat, wave and potential equations. Bessel functions, Legendre functions, Fourier-Bessel series, PDEs in higher dimensions.

College

College of Sciences

Department

Department of Mathematics

MAP4371 - Numerical Methods for Differential Equations**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAC 2313, and MAP 2302, and COP 3223C, and MAS 3105 or MAS 3106, or C.I.

Course Description

Numerical theory and practices used in solving ordinary differential equations and PDE. Covers Euler's method, trapezoidal rule, multi-step methods, Runge-Kutta, error control, finite differences, implicit and explicit schemes, iterative methods, and stability.

College

College of Sciences

Department

Department of Mathematics

MAP4384 - Numerical Methods for Computational Sciences**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAP 2302, and COP 3223C, and MAS 3105 or MAS 3106.

Course Description

Theory of modern methods of numerical computation and numerical analysis in linear algebra and differential equations; non-linear optimization, finite element methods, adaptive quadrature.

College

College of Sciences

Department

Department of Mathematics

MAP4484 - Mathematical Biology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAP 2302, and MAS 3105 or MAS 3106, or C.I.

Course Description

Differential equation models for population growth, harvesting, populations with Allee effects, infectious disease spread, predator-prey systems, competitive systems, mutualism, spatial spread of populations and genes.

College

College of Sciences

Department

Department of Mathematics

MAP4494 - Mathematical Modeling in Biology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAP 4484 .

Course Description

Population models & models for the spread of infectious diseases, evolutionary game theory, excitable systems for neuron dynamics, reaction kinetics models, foraging theory,

College

College of Sciences

Department

Department of Mathematics

MAP4640 - Financial Mathematics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAP 4113 or C.I.

Course Description

Binomial no-arbitrage pricing model, Martingales, Markov processes, capital asset pricing model, stopping times, American derivative securities, random walks, interest rates, fixed-income derivatives, futures.

College

College of Sciences

Department

Department of Mathematics

MAP4934 - Topics in Applied Mathematics

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAP 2302 and MAS 3105, or C.I.

Course Description

Advanced topics in applied mathematics. Selection of topics will vary.

College

College of Sciences

Department

Department of Mathematics

MAR - Marketing

MAR3023 - Marketing

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ACG 2021 and ECO 2013 or ECO 2023 each with a grade of "C" (2.0) or better, or for non-business majors, ECO 2013 or ECO 2023 with a grade of "C" (2.0) or better.

Course Description

Study of how firms create and communicate value in order to build and maintain customer relationships while benefitting the organization and its stakeholders.

College

College of Business Administration

Department

Department of Marketing

MAR3023H - Honors Marketing
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ACG 2021 and ECO 2013 or ECO 2023 each with a grade of "C" (2.0) or better, and consent of Honors.

Course Description

Study of how firms create and communicate value in order to build and maintain customer relationships while benefitting the organization and its stakeholders; course has honors content.

College

College of Business Administration

Department

Department of Marketing

MAR3203 - Supply Chain and Operations Management
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Completion of each course in the Business common program prerequisites with a "C" (2.0) or better.

Course Description

Study of the planning and management of all activities involved in processes, assets, and flows of materials and information to meet customers' needs.

College

College of Business Administration

Department

Department of Marketing

MAR3203H - Honors Supply Chain and Operations Management**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Completion of each course in the Business common program prerequisites with a "C" (2.0) or better, and consent of the Honors College.

Course Description

Study of the planning and management of all activities involved in processes, assets, and flows of materials and information to meet customers' needs.

College

College of Business Administration

Department

Department of Marketing

MAR3323 - Integrated Marketing Communication**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Marketing Minor and MAR 3023 with a "B" (3.0) or better.

Course Description

Planning and execution of advertising, sales promotion, and public relations programs consistent with integrated marketing communications programs.

College

College of Business Administration

Department

Department of Marketing

MAR3391 - Professional Selling
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Marketing major or Marketing minor, and MAR 3023 with a grade of "B" (3.0) or better.

Course Description

The communication processes that form the basis of professional selling to businesses and to individuals. Focus is on applied exercises and role-play situations.

College

College of Business Administration

Department

Department of Marketing

MAR3391H - Honors Professional Selling
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Marketing major or Marketing minor, and MAR 3023 with a grade of "B" (3.0) or better, and consent of the Honors College.

Course Description

The communication processes that form the basis of professional selling to business and to individuals. Focus is on applied exercises and role-play situations.

College

College of Business Administration

Department

Department of Marketing

MAR3403 - Sales Force Management
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAR 3023 with a "B" (3.0) or better and appropriate major or minor.

Course Description

An overview of the sales management process. Emphasis on sales program formulation and implementation.

College

College of Business Administration

Department

Department of Marketing

MAR3407 - Integrated Marketing and Sales
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAR 3023 Marketing

Course Description

Analyze business scenarios to develop integrated marketing and sales plans with creative strategies and innovative tactics in Business-to-Business and Business-to-Consumer markets.

College

College of Business Administration

Department

Department of Integrated Business

MAR3503 - Consumer Behavior**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the Marketing major.

Course Description

Individuals, groups, or organizations and the processes utilized to select, secure, use, and dispose of products, services, or experiences to satisfy consumer needs and wants.

College

College of Business Administration

Department

Department of Marketing

MAR3611 - Marketing Analysis and Research Methods**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Marketing minor or Professional Selling minor, and MAR 3023 with a "B" (3.0) or better.

Course Description

Study of the analytical tools and research methods used by marketers to make more effective decisions.

College

College of Business Administration

Department

Department of Marketing

MAR3613 - Marketing Research**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAR 3615 with a grade of "C" (2.0) or better.

Course Description

The acquisition of information using various marketing research methods, as well as the application of results to marketing decision making.

College

College of Business Administration

Department

Department of Marketing

MAR3615 - Marketing Analysis**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the Marketing major.

Course Description

Study of analytic methods, tools, processes, and technologies that enable marketers to evaluate the success of marketing activities and initiatives.

College

College of Business Administration

Department

Department of Marketing

MAR3641 - Marketing Intelligence
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Marketing minor and MAR 3023 with a "B" (3.0) or better.

Course Description

Contemporary sources and applications of information concerning external forces impacting marketing decision making.

College

College of Business Administration

Department

Department of Marketing

MAR3721 - Digital Media Marketing
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the marketing major.

Course Description

The application of contemporary digital media technologies to marketing decision making.

College

College of Business Administration

Department

Department of Marketing

MAR3765 - Entrepreneurial Marketing**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Marketing minor and MAR 3023 with a "B" (3.0) or better, or admission to the Entrepreneurship certificate or the Entrepreneurship minor or the Technological Entrepreneurship minor.

Course Description

Exploration of how marketing and entrepreneurship affect and are affected by one another.

College

College of Business Administration

Department

Department of Marketing

MAR4156 - International Marketing**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Marketing minor and MAR 3023 with a "B" (3.0) or better.

Course Description

Investigates strategy, policy and the variables relevant to international marketing decisions.

College

College of Business Administration

Department

Department of Marketing

MAR4231 - Retailing Management
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Marketing minor and MAR 3023 with a "B" (3.0) or better.

Course Description

The field of retailing. Emphasis on planning for profitability through demand forecasting, inventory control, customer relationship management and brand leadership.

College

College of Business Administration

Department

Department of Marketing

MAR4413C - Strategic Issues in Sales
Credits Hours

3

Lab/Studio/Field Work Hours

3

Prerequisites

- MAR 4415C with a grade of "C" (2.0) or better.

Course Description

Advanced study of selected contemporary strategic issues in selling and sales management.

College

College of Business Administration

Department

Department of Marketing

MAR4415C - Advanced Professional Selling**Credits Hours**

3

Lab/Studio/Field Work Hours

3

Prerequisites

- Admission to the professional selling track in the Marketing major or to the Professional Selling minor.

Course Description

Advanced study of the professional selling process, including team selling, negotiating, customer conflict management, and CRM systems.

College

College of Business Administration

Department

Department of Marketing

MAR4418 - Strategic Sales Force Management**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the Marketing major or the Professional Selling minor.

Course Description

Study of the effective strategic management of contemporary sales forces. Emphasis on sales program formulation, implementation, and control, with a focus on strategy.

College

College of Business Administration

Department

Department of Marketing

MAR4711 - Sport Marketing
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Marketing minor and MAR 3023 with a "B" (3.0) or better.

Course Description

Marketing as it applies to the sport and leisure industry.

College

College of Business Administration

Department

Department of Marketing

MAR4712 - Healthcare Marketing
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Marketing minor and MAR 3023 with a "B" (3.0) or better.

Course Description

Marketing as it applies to healthcare manufacturers, intermediaries and providers.

College

College of Business Administration

Department

Department of Marketing

MAR4715 - Entertainment Marketing
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Marketing minor and MAR 3023 with a "B" (3.0) or better.

Course Description

Application of marketing theory and tools to the marketing of products and services in the entertainment industry.

College

College of Business Administration

Department

Department of Marketing

MAR4803 - Marketing Management
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Marketing Minor and MAR 3611 with a grade of "C" (2.0) or better.

Course Description

Planning, organizing, implementing, monitoring and controlling marketing programs to effectively compete in dynamic and diverse business environments.

College

College of Business Administration

Department

Department of Marketing

MAR4804 - Marketing Strategy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAR 3613 with a grade of "C" (2.0) or better.

Course Description

Marketing issues are explored, with emphasis on strategy formulation and integrative marketing decision making.

College

College of Business Administration

Department

Department of Marketing

MAR4832 - Product Management**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAR 3613 with a grade of "C" (2.0) or better.

Course Description

Study of the theory and practice of managing innovation and product design, testing, branding, and introduction of new products.

College

College of Business Administration

Department

Department of Marketing

MAR4840 - Fundamentals of Services Marketing**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the Integrated Business major.

Course Description

Study of marketing decision making in services sectors. Primary focus is on the unique aspects of services that impact marketing decision making in small and medium-size enterprises.

College

College of Business Administration

Department

Department of Marketing

MAR4841 - Services Marketing**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the marketing major.

Course Description

Examination of marketing in services industries, with particular emphasis on unique aspects of services marketing, the service marketing mix, and the implementation of services strategies.

College

College of Business Administration

Department

Department of Marketing

MAR4934 - Contemporary Marketing Topics in Florida
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Marketing minor and MAR 3023 with a "B" (3.0) or better.

Course Description

Advanced study of marketing topics relevant to major business sectors in the state of Florida, e.g., high technology, health care, sustainable marketing, housing, real estate, tourism, hospitality, sports, gaming, etc. Topics may vary from term to term.

College

College of Business Administration

Department

Department of Marketing

MAR4941 - Marketing Internship
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the Marketing major or minor, and application to and approval by the Department of Marketing.

Course Description

Provides student with supervised, market-related work experience in a sponsoring organization. Application and approval required.

College

College of Business Administration

Department

Department of Marketing

MAS - Mathematics Algebraic Structures

MAS3105 - Matrix and Linear Algebra**Credits Hours**

4

Lab/Studio/Field Work Hours

0

Prerequisites

- MAC 2312 or C.I.

Course Description

Matrices, determinants, vector spaces over the reals, linear independence, basis, solutions of systems, range of linear transformations, eigenvectors, singular value decomposition

College

College of Sciences

Department

Department of Mathematics

MAS3105H - Honors Matrix and Linear Algebra**Credits Hours**

4

Lab/Studio/Field Work Hours

0

Prerequisites

- MAC 2312 and permission of Honors or C.I.

Course Description

Matrices, determinants, vector spaces over the reals, linear independence, basis, solutions of systems, range of linear transformations, eigenvectors, singular value decomposition. With Honors consent.

College

College of Sciences

Department

Department of Mathematics

MAS3203 - Introduction to Number Theory**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MHF 3302 or C.I.

Course Description

The course will include the following topics: inductive reasoning, factorization, the division algorithm and congruences.

College

College of Sciences

Department

Department of Mathematics

MAS4301 - Abstract Algebra I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MHF 3302 and MAS 3106, or C.I.

Course Description

Sets and mappings, groups, subgroups, permutation groups, homomorphisms and isomorphisms, the isomorphism theorems, groups actions, the class equation, Sylow theorems, and rings.

College

College of Sciences

Department

Department of Mathematics

MAS4302 - Abstract Algebra II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAS 4301 or C.I.

Course Description

Advanced topics in abstract algebra, including ring theory and field theory; introduction to Galois theory.

College

College of Sciences

Department

Department of Mathematics

MAS4934 - Topics in Algebra
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAS 3106 and MAS 4301, or C.I.

Course Description

Advanced topics in abstract algebra and discrete mathematics. Selection of topics will vary.

College

College of Sciences

Department

Department of Mathematics

MAT - Mathematics

MAT1033C - Intermediate Algebra**Credits Hours**

3

Lab/Studio/Field Work Hours

3

Course Description

Reinforcement and development of algebra skills. Operations with polynomial, rational expressions; radicals; rational exponents; linear and quadratic equations, linear inequalities, and applications. This course is a "bridge course" which may be applied towards a degree as elective credit. This course will not satisfy either the GEP or Gordon Rule.

College

College of Sciences

Department

Department of Mathematics

MAT3937 - Techniques of Problem Solving**Credits Hours**

1

Lab/Studio/Field Work Hours

0

Prerequisites

- MAC 2311C and

Corequisites

- MAC 2312; or C.I.

Course Description

Methods for solving problems in a wide variety of mathematical fields, with an emphasis on proper mathematical technique and writing of solutions.

College

College of Sciences

Department

Department of Mathematics

MCB - Microbiology

MCB1000 - The Invisible World**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Introduction to microbes, their beneficial and detrimental activities, and their importance to our every day lives.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MCB1310 - Introduction to Biotechnology and Genetic Engineering**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Introduction to theories, laws, principles, foundations, scientific methods of genetic engineering & biotechnology and their applications in agriculture, environment and human health.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MCB2004C - Microbiology for Health Professionals
Credits Hours

4

Lab/Studio/Field Work Hours

2

Prerequisites

- BSC 2010C and CHM 1032 or CHM 2045C.

Course Description

A survey of microbiology for the health professional.

Current Fee Per Student

\$65.00

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MCB3020C - General Microbiology
Credits Hours

5

Prerequisites

- BSC 2010C; CHM 2210

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MCB3020K - Honors General Microbiology**Credits Hours**

5

Lab/Studio/Field Work Hours

5

Prerequisites

- BSC 2010C and CHM 2210

Course Description

Same as with enrichment and further development of analytical skills in a separate laboratory and discussion section. With Honors content.

Current Fee Per Student

\$53.00

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MCB3202 - Principles of Infectious Disease**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MCB 3020C.

Course Description

Introduction to host-pathogen interactions and microbial pathogenesis, with topics covering eukaryotic pathogens, virology, prokaryotic structure, pathogen identification, epidemiology, immunity, vaccines and antimicrobials, and virulence mechanisms.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MCB3203 - Pathogenic Microbiology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MCB 3020C or C.I.

Course Description

Microorganisms producing disease in man and other animals; means of transmission; protection against disease.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MCB3203L - Pathogenic Microbiology laboratory**Credits Hours**

1

Lab/Studio/Field Work Hours

3

Corequisites

- MCB 3203.

Course Description

Laboratory investigation of pathogenic microorganisms, with emphasis on isolation and identification of pathogenic microorganisms.

Current Fee Per Student

\$65.00

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MCB3316H - Honors Biotechnology and Genetic Engineering Seminar**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Permission of Honors.

Course Description

Principles, applications, laws, ethics and impact on society of biotechnology and genetic engineering in agriculture, medicine, forestry, environment, computer/ industrial/chemical engineering and business administration.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MCB3903 - Explorations in Biomedical Science Research**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: MCB 3020C, BSC 3403C

Course Description

Exploration of research seminars across campus. Learn to write a literature review, properly review research publications in life science journals, and critique a research paper.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MCB3933 - Biomedical Sciences Careers**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: Open to undergraduate students in the Burnett School of Biomedical Sciences.

Course Description

Preparation for the next step in their careers by discovering different training options, including qualifications, prospects and salary; developing their Individual Development Plan.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MCB4114C - Determinative & Systemic Microbiology**Credits Hours**

4

Lab/Studio/Field Work Hours

3

Prerequisites

- MCB 3020C, MCB 3203.

Course Description

Microbial classification taxonomic rules and nomenclature techniques for identification and interrelating the phyla and taxa of bacteria.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MCB4201 - Microbial Stress Response**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MCB 3020C and PCB 3522.

Course Description

Examination of the molecular genetic mechanisms that bacterial and fungal pathogens use to adapt to changes in their environment.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MCB4204 - Cellular Microbiology: Host-Pathogen Interactions**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MCB 3020C, PCB 3522.

Course Description

Examination of the molecular details of host-pathogen interactions. Key areas of cell biology will be considered in relation to microbial pathogenesis.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MCB4207 - Infectious Processes**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MCB 3020C.

Course Description

The infectious process and the response of host cells and tissue to infection.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MCB4224 - Molecular Biology of Diseases**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PCB 3522 or PCB 3023.

Course Description

In-depth knowledge of current advances in the molecular mechanisms underlying human diseases. Topics include autoimmunity, neurodegeneration, aging, drug addiction, obesity, and cancer.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MCB4276 - Epidemiology of Infectious Diseases**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MCB 3020C.

Course Description

Study of descriptive and analytic epidemiology and its application to the analysis of infectious diseases and in the community health status.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MCB4312 - Molecular Biotechnology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MCB 3020C.

Course Description

Principles, techniques, and applications of Molecular Biotechnology in genetically modified food, cloning, gene therapy, and forensics; transgenic animals; patents and regulations.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MCB4404 - Bacterial Genetics and Physiology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PCB 3522.

Course Description

Basic principles of microbial genetic analysis emphasizing how microbial genetic approaches are used to understand fundamental physiological processes in bacteria.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MCB4410 - Cellular Metabolism**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PCB 3522 or PCB 3023.

Course Description

Basic concepts of the mechanisms that define the functioning and regulation of prokaryotic and eukaryotic cell metabolism.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MCB4414 - Microbial Metabolism**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- BSC 3403.

Course Description

Interrelationship between cellular structure function and genetic traits in microorganisms. The interaction between microorganisms and their nutritional environment.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MCB4503C - Virology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PCB 3522.

Course Description

Concepts of structure and function of viruses, virus-host interactions and viral, and related disease states.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MCB4603 - Environmental Microbiology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MCB 3020C.

Course Description

Interrelationships between the biological activities of microorganisms and their terrestrial and aquatic environments.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MCB4653 - Applied Industrial Microbiology**Credits Hours**

3

Lab/Studio/Field Work Hours

6

Prerequisites

- MCB 3020C and BSC 3403C.

Course Description

Combination of molecular and biochemical analyses with applied industrial microbiology projects.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MCB4720 - Industrial Perspectives Seminar**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Biotechnology major and MCB 3020C

Corequisites

- MCB 3020C

Course Description

Concepts and techniques of basic research and drug development. Speakers from the biotechnology/pharmaceutical industry will show applications.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MCB4721C - Methods in Biotechnology**Credits Hours**

4

Prerequisites

- MCB 3020C

Course Description

Fluorescence and luminescence-based assays used in biopharmaceutical industry for target validation.

Current Fee Per Student

\$70.00

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MCB4915 - Program for Undergraduate Research Experience**Credits Hours**

1 - 99

Prerequisites

- Registration to the course requires instructor approval (linked to a program)

Course Description

Holistic view of biomedical research for training in medical or graduate programs. Independent research projects in faculty labs and attend weekly seminar during academic year.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MCB4920C - Group-Effort Applied Research**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- MCB 3020C and BSC 3403C.

Course Description

Hands-on training class focused on real-world, applied research. Students participate as a group in a research project focusing on highly-parallel technical applications.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MCB4920K - Honors Group Effort Applied Research (GEAR)

Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- BSC 3403C and Consent from Honors.

Course Description

Hands-on training class focused on real-world, applied research. Students participate as a group in a research project focusing on highly-parallel technical applications.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MCB4940 - Methodology in Biomedical Sciences

Credits Hours

0 - 3

Prerequisites

- MCB 3202L or PCB 3233L or PCB 3703C or ZOO 3733C or MCB 3020C

Course Description

Reinforces lab techniques; students will also gain experience in teaching by assisting instructors of different biomedical science labs

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MET - Meteorology

MET2104 - The Earth's Climate
Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

History, physics and dynamics of the Earth's climate.

College

College of Sciences

Department

Department of Physics

MGF - Mathematics General and Finite

MGF1106 - Finite Mathematics
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Appropriate score on the UCF Math Placement test, or MAT 1033C with a "C" (2.0) or better, or C.I.

Course Description

Introduction to systematic counting, probability, geometry, statistics, sets and logic. This course is intended for students who are not planning to take upper level courses in mathematics.

College

College of Sciences

Department

Department of Mathematics

MGF1107 - Explorations in Mathematics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Beauty & utility of mathematics, patterns & symmetry, voting strategies, & finance. Connections between math & music, art, architecture, & nature. For students not planning to take upper level mathematics.

College

College of Sciences

Department

Department of Mathematics

MHF - Mathematics History and Foundations

MHF3302 - Logic and Proof in Mathematics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAC 2311C.

Corequisites

- MAC 2312.

Course Description

Basic mathematical logic. Methods of proof in mathematics. Application of proofs to elementary mathematical structures.

College

College of Sciences

Department

Department of Mathematics

MHF4404 - History of Mathematics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAC 2312 or C.I.

Course Description

A chronological study of the evolution of mathematical thought from primitive counting through modern ideas of the 20th century. Recommended for prospective teachers in mathematics.

College

College of Sciences

Department

Department of Mathematics

MHF4934 - Topics in Foundations and History of Mathematics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MHF 3302 and MAS 3106, or C.I.

Course Description

Advanced, specialized topics in the foundations and history of mathematics, ranging from set theory and mathematical logic to the history and development of mathematical theories.

College

College of Sciences

Department

Department of Mathematics

MHS - Mental Health Services

MHS2090 - Introduction to Human Services**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

An overview of the field of human services including roles, boundaries and ethical issues. The course orients students to the operation of human service agencies.

College

College of Community Innovation and Education

Department

Department of Counselor Education & School Psychology

MHS2330 - Career Planning I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Enrollment in the IES Program

Course Description

Career theory, career choice and decision-making, interpersonal communication, professionalism, workplace ethics and culture and boundary-making. Understand and demonstrate key competencies of career readiness.

College

College of Community Innovation and Education

Department

Department of Counselor Education & School Psychology

MHS2331 - Career Planning II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MHS 1331: Career Development I

Course Description

Career development, self-assessment activities, career choice decision-making, career exploration/skills necessary for employment while providing opportunities to develop skills in areas of career development.

College

College of Community Innovation and Education

Department

Department of Counselor Education & School Psychology

MHS2441 - Couples, Families and Intimate Relationships
Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

Dynamics of families, couples, intimate relationships, dating, courtship and challenges of establishing stable and satisfying couples and families, impact of divorce, premarital and couples education.

College

College of Community Innovation and Education

Department

Department of Counselor Education & School Psychology

MHS3052 - Helping Skills for Human Service Providers**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MHS 2090.

Course Description

Focuses on the interpersonal skills necessary to the practice of the human service industry. Emphasis on motivating and supporting clients who are experiencing challenging situations.

College

College of Community Innovation and Education

Department

Department of Counselor Education & School Psychology

MHS3332 - Career Planning III**Credits Hours**

3

Lab/Studio/Field Work Hours

3

Prerequisites

- MHS 1331: Career Planning I and MHS 2331: Career Planning II

Course Description

Career development transitions, focusing on the transition from campus life to career including communication skills, workplace ethics and culture, accountability and job sustainability.

College

College of Community Innovation and Education

Department

Department of Counselor Education & School Psychology

MHS3426 - Diversity Issues in Human Services**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MHS 2090.

Course Description

An introduction to multicultural aspects of helping including race, ethnicity, religion, gender, socioeconomic status, spirituality, sexual orientation and disability.

College

College of Community Innovation and Education

Department

Department of Counselor Education & School Psychology

MHS4843 - Internship in Human Services**Credits Hours**

3

Lab/Studio/Field Work Hours

10

Prerequisites

- 1. Acceptance into the HRSA OIFSP-funded internship program. 2. MHS 2090 Introduction to Human Services

Prerequisites/Corequisites

- 1. MHS 3052 Helping Skills for Human Service Providers 2. MHS 3426 Diversity Issues in Human Services 3. MHS 2330 Career Planning 4. MHS 2441 Couples, Families and Intimate Relationships

Course Description

Internship in Human Services is an undergraduate course designed to provide experiential field training as a Recovery Support Specialist in Human Services.

College

College of Community Innovation and Education

Department

Department of Counselor Education & School Psychology

MLS - Medical Laboratory Science

MLS3220C - Techniques in Clinical Microscopy**Credits Hours**

3

Lab/Studio/Field Work Hours

3

Prerequisites

- CHM 2210, PCB 3703C or C.I.

Course Description

Analysis of body fluids and urine by chemical and microscopic methods with interpretation and correlation to human disease.

Current Fee Per Student

\$70.00

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MLS3305 - Hematology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CHM 2210 and PCB 3703C.

Course Description

Overview of the hematopoietic system and disease states associated with blood and bone marrow

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MLS3305L - Hematology Lab
Credits Hours

2

Lab/Studio/Field Work Hours

6

Corequisites

- MLS 3305

Course Description

Practical laboratory procedures routinely performed for analyzing hematologic abnormalities.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MLS3705 - Concepts in Education/Management
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to professional phase of the MLS Program or C.I.

Course Description

Introduction to laboratory management, health delivery systems, and educational practices in clinical settings.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MLS4075L - Clinical Applications of Laboratory Automation**Credits Hours**

1

Lab/Studio/Field Work Hours

2

Prerequisites

- MLS 4625, MLS 4625L

Corequisites

- MLS 4630, MLS 3305,MLS 3305L

Course Description

Hands-on experience with various forms of automation routinely used within the medical laboratory setting. Case studies practice will be included for high complex instrumentation.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MLS4334 - Hemostasis**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CHM 2210 and PCB 3703C.

Course Description

Overview of hemostatic and fibrinolytic conditions at the time of disease and the relationship of lab tests to diagnosis.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MLS4430C - Clinical Microbiology I**Credits Hours**

4

Lab/Studio/Field Work Hours

3

Prerequisites

- MCB 3020C or equivalent and acceptance into the MLS program.

Course Description

This course is the first part of a two course sequence that provides students with entry level knowledge and skills in clinical microbiology.

Current Fee Per Student

\$46.00

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MLS4460C - Clinical Microbiology II**Credits Hours**

5

Lab/Studio/Field Work Hours

6

Prerequisites

- MLS 4430C and Admission to the professional phase of the MLS program.

Course Description

Analysis of clinical pathogenic bacteria, fungi and viruses and correlation to disease. Identification of pathogens from clinical samples, susceptibility testing and molecular techniques in the clinical pathogenic microbiology laboratory.

Current Fee Per Student

\$53.00

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MLS4505 - Immunodiagnostics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PCB 3233 and PCB 3233L.

Course Description

Theory and application of immunologic principles and their use in diagnosis of human disease.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MLS4550C - Clinical Immunohematology**Credits Hours**

5

Lab/Studio/Field Work Hours

6

Prerequisites

- PCB 3233, MLS 3305, Admission to the professional phase of the MLS program.

Prerequisites/Corequisites

- PCB 3233, MLS 3305.

Course Description

Review of blood banking procedures, Investigation of incompatible crossmatches; antibody identification, leukocyte antigens and identification procedures, problem solving.

Current Fee Per Student

\$70.00

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MLS4625 - Advanced Clinical Chemistry I**Credits Hours**

3

Prerequisites

- Admitted to MLS program, or CHM 2210, PCB 3703C or C.I.

Course Description

Correlation of lab test to specific disease states including deviations in carbohydrate, amino acid metabolism, renal function, gastric function, electrolytes, and blood gases.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MLS4625L - Advanced Clinical Chem I Lab**Credits Hours**

1

Lab/Studio/Field Work Hours

3

Prerequisites

- CHM 2211

Corequisites

- MLS 4625.

Course Description

Laboratory procedures routinely performed in a clinical chemistry laboratory.

Current Fee Per Student

\$70.00

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MLS4630 - Clinical Chemistry II**Credits Hours**

3

Prerequisites

- CHM 2210, PCB 3703C or C.I.

Course Description

Correlation of laboratory tests to specific human disease states.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MLS4830L - Clinical Chemistry Laboratory Practicum**Credits Hours**

3

Lab/Studio/Field Work Hours

7.5

Prerequisites

- Admission to the MLS program, MLS 4625, MLS 4630 .

Course Description

Instruction and practice of clinical chemistry laboratory procedures at an off-campus affiliated hospital/clinical site.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MLS4831L - Immunohematology Laboratory Practicum**Credits Hours**

3

Lab/Studio/Field Work Hours

7.5

Prerequisites

- Admission to the MLS program, MLS 4550, MLS 4505.

Course Description

Instruction and practice of blood banking and transfusion medicine laboratory procedures(clinical practicum) at an off campus affiliated hospital/clinical site .

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MLS4832L - Interpretive & Practical Hematology**Credits Hours**

4

Lab/Studio/Field Work Hours

8

Prerequisites

- Admission to the the MLS program, MLS 3305, MLS 4334.

Course Description

Instruction and practice of clinical hematology laboratory procedures at an off-campus affiliated hospital/clinical site.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MLS4833L - Microbiology Laboratory Practicum
Credits Hours

3

Lab/Studio/Field Work Hours

7.5

Prerequisites

- Admission to the MLS program, MLS 4460C.

Corequisites

- MLS 4830L, MLS 4831L, MLS 4832L

Course Description

Instruction and practice of clinical microbiological procedures at an off-campus affiliated hospital/clinical site.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MLS4910 - Introduction to Clinical Research

Credits Hours

2

Prerequisites

- MLS 3220C, MLS 4625, MLS 4550.

Course Description

Introduces MLS students to different types of research within the clinical setting.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MLS4933 - MLS Senior Seminar

Credits Hours

1

Prerequisites

- MLS Senior status.

Course Description

Review of MLS coursework, case study discussions and preparation for certification.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

MMC - Mass Media Commomunications

MMC2004 - Mass Media

Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

Introduction to the nation's mass media, including newspapers, radio, television, magazines, advertising, and public relations.

College

College of Sciences

Department

Nicholson School of Communication and Media

MMC3200 - Mass Communication Law

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- One of the following; SPC 1608, SPC 1603C, COM 1000, or C.I.

Course Description

Legal rights and responsibilities of the mass media.

College

College of Sciences

Department

Nicholson School of Communication and Media

MMC3200H - Honors Mass Communication Law
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPC 1608, SPC 1603C, COM 1000 or C.I.

Course Description

Legal rights and responsibilities of the mass media.

College

College of Sciences

Department

Nicholson School of Communication and Media

MMC3420 - Mass Media Research Methods
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- R-TV or Ad-PR or Journalism major; or Mass Comm. minor; or C.I.

Course Description

Theory and methods of research used by media professionals and academics, focusing on radio-television and advertising-public relations research.

College

College of Sciences

Department

Nicholson School of Communication and Media

MMC3630 - Social Media as Mass Communication
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Either SPC 1608, SPC 1603C, COM 1000, or C.I.

Course Description

Principles and practices of social media and its role in communicating to mass audiences.

College

College of Sciences

Department

Nicholson School of Communication and Media

MMC4263 - New Media Technologies
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Majors only, RTV 3511.

Course Description

An examination of the technologies impacting the communications media environment and society.

College

College of Sciences

Department

Nicholson School of Communication and Media

MMC4300 - International Media
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing or C.I.

Course Description

Analyze different communication systems from around the world. At least 6 case studies from these areas - Asia, Latin American, Western Europe, Middle East, Africa.

College

College of Sciences

Department

Nicholson School of Communication and Media

MMC4303 - Hispanics in Media in the US
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPC 1608, SPC 1603C, COM 1000, or C.I.

Course Description

Examines history and growth of Hispanics/Latinos in US media, including early depictions in media and current landscape of Spanish and English Hispanic/Latino Media.

College

College of Sciences

Department

Nicholson School of Communication and Media

MMC4411 - Ad-PR Campaigns**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Ad-PR majors only; (ADV 3008 and PUR 4000) and either (PUR 3100 or ADV 4101).

Course Description

Planning and managing communication campaigns that integrate both advertising and public relations strategies. Capstone.

College

College of Sciences

Department

Nicholson School of Communication and Media

MMC4602 - Contemporary Media Issues**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- One of the following: SPC 1608, SPC 1603C, COM 1000, or C.I.

Course Description

Relationship between the mass media and society; examination of social and ethical issues and responsibilities of the media's relationship with government.

College

College of Sciences

Department

Nicholson School of Communication and Media

MSL - Military Science Leadership

MSL1001C - Foundations of Officership**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Course Description

Examines the unique duties and responsibilities of officers, organization and role of the Army, reviews skills pertaining to fitness and communication, and analyze Army values and expected behavior.

College

College of Engineering and Computer Science

Department

Reserve Officer Training Corp: Army ROTC

MSL1002C - Basic Leadership**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Course Description

Presents fundamental leadership concepts and doctrine; practice basic skills that underlie effective problem solving; examine the officer experience.

College

College of Engineering and Computer Science

Department

Reserve Officer Training Corp: Army ROTC

MSL2101C - Individual Leadership Studies**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Course Description

Develops knowledge of self, self-confidence, and leadership skills; develop problem solving and critical thinking skills; apply communication, feedback, and conflict resolution skills.

College

College of Engineering and Computer Science

Department

Reserve Officer Training Corp: Army ROTC

MSL2102C - Leadership and Teamwork
Credits Hours

2

Lab/Studio/Field Work Hours

1

Course Description

Focuses on selfdevelopment guided by knowledge of self and group processes; challenges current beliefs, knowledge and skills.

College

College of Engineering and Computer Science

Department

Reserve Officer Training Corp: Army ROTC

MSL3201C - Leadership and Problem Solving
Credits Hours

4

Lab/Studio/Field Work Hours

1

Prerequisites

- Junior standing.

Course Description

Examines skills that underlie effective problem solving; analyzes military missions and plan military operations; and executes squad battle drills.

College

College of Engineering and Computer Science

Department

Reserve Officer Training Corp: Army ROTC

MSL3202C - Leadership and Ethics**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- MSL 3201C.

Course Description

Probes leadership responsibilities that foster an ethical command climate; develops cadet leadership competencies; applies principles and techniques of effective written and oral communication.

College

College of Engineering and Computer Science

Department

Reserve Officer Training Corp: Army ROTC

MSL4301C - Leadership and Management**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- MSL 3202C.

Course Description

Discuss staff organization, functions, and processes, analyze counseling responsibilities and methods, apply leadership and problem solving principles to a complex case study/simulation.

College

College of Engineering and Computer Science

Department

Reserve Officer Training Corp: Army ROTC

MSL4302C - Officership**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- MSL 4301C.

Course Description

Capstone course to explore topics relevant to second lieutenants entering the Army; describes legal aspects of decision making and leadership; and analyzes Army organization from tactical to strategic level.

College

College of Engineering and Computer Science

Department

Reserve Officer Training Corp: Army ROTC

MTG - Mathematics Topology and Geometry

MTG4212 - Modern Geometries**Credits Hours**

4

Lab/Studio/Field Work Hours

0

Prerequisites

- MAC 2311C and MHF 3302.

Course Description

Axioms & finite geometries, transformations groups, 2 & 3-space Euclidean motions, convexity in 2 & 3-space. Polygon & circle Euclidean geometry, constructible numbers, constructions & non-Euclidean geometry.

College

College of Sciences

Department

Department of Mathematics

MTG4254 - Introduction to Differential Geometry**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAC 2313 and MAS 3106, or C.I.

Course Description

Topics include curves and surfaces, differential manifolds, tangent space, differentials, curvature and torsion tensors, connections, covariant differentiation, lie derivative, integration on manifolds, and Riemannian manifolds.

College

College of Sciences

Department

Department of Mathematics

MTG4302 - Introduction to Topology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MHF 3302 and MAS 3106 or C.I.

Course Description

Metric spaces, topological spaces, limit points, continuity, compactness, and connectedness.

College

College of Sciences

Department

Department of Mathematics

MTG4324 - Topological Data Analysis**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAS 4301

Course Description

Topology, Simplicial Complexes, Homology and Cohomology, Poincare and Alexander Duality, Morse Functions, Reeb Graphs, Persistence, Stability and Applications

College

College of Sciences

Department

Department of Mathematics

MTG4934 - Topics in Topology and Geometry**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAS 3106 or C.I.

Course Description

Advanced topics in geometry and topology. Selection of topics will vary.

College

College of Sciences

Department

Department of Mathematics

MUC - Music: Composition

MUC1101C - Composition I**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Complete all of the following
 - Earn a minimum grade of C in each of the following:
 - MUT1122 - Music Theory and Musicianship II (4)
 - MUL2014 - Introduction to Music History and Literature (3)
 - Or C.I.

Course Description

Creative work in small forms.

College

College of Arts and Humanities

Department

Department of Music

MUC1201C - Applied Composition I**Credits Hours**

2

Lab/Studio/Field Work Hours

2

Prerequisites

- Major in Music Composition BM track or consent of chair; portfolio

Course Description

Introduction to the basic elements and construction blocks of music composition and analysis.

College

College of Arts and Humanities

Department

Department of Music

MUC2104C - Composition II
Credits Hours

2

Lab/Studio/Field Work Hours

1

Prerequisites

- MUC 1101C and Music or composition major.

Course Description

Continuation of Composition I. Competence determined by faculty jury.

College

College of Arts and Humanities

Department

Department of Music

MUC2202C - Applied Composition II
Credits Hours

2

Lab/Studio/Field Work Hours

2

Prerequisites

- A grade of 'C' (2.0) or better in MUC 1201C

Course Description

Introduction to the basic elements and construction blocks of music composition and analysis.

College

College of Arts and Humanities

Department

Department of Music

MUC3105C - Composition III
Credits Hours

2

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of 'C' (2.0) or better in MUC 2202C and competence determined by faculty jury

Course Description

Continued study of composition, with additional intensive work expected for composition majors.

College

College of Arts and Humanities

Department

Department of Music

MUC4106C - Composition IV
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MUC 3105C and competence determined by faculty jury.

Course Description

Intensive advanced study of composition for composition majors.

College

College of Arts and Humanities

Department

Department of Music

MUC4610 - Film Music Composition
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- A grade of 'C' (2.0) or better in MUC 2202C

Course Description

The basic composing, arranging, and technical techniques required to score films and television.

College

College of Arts and Humanities

Department

Department of Music

MUC4634 - Video Game Music Composition
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- A grade of 'C' (2.0) or better in MUC 2202C

Course Description

Skills and design philosophy to create music and soundtracks for video games. Techniques and technologies are covered in this examination of traditional and emerging compositional practice.

College

College of Arts and Humanities

Department

Department of Music

MUC4950 - Composition Recital
Credits Hours

0

Lab/Studio/Field Work Hours

0

Corequisites

- MUC 4106C.

Course Description

Culminating public concert of works written while studying Composition I-IV.

College

College of Arts and Humanities

Department

Department of Music

MUC4971 - Composition Thesis
Credits Hours

2

Lab/Studio/Field Work Hours

0

Prerequisites

- A grade of 'C' (2.0) or better in MUC 3105C

Course Description

Create a large scale work for orchestra or wind ensemble

College

College of Arts and Humanities

Department

Department of Music

MUE - Music Education

MUE2040 - Introduction to Music Education**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

An introduction to music education covering philosophy, history, and current practice and trends. Observation in schools required.

College

College of Arts and Humanities

Department

Department of Music

MUE2211 - Early Childhood Music and Movement**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

An examination of the role of music and creative movement in the lives of young children.

College

College of Community Innovation and Education

Department

School of Teacher Education

MUE2346 - Vocal Techniques**Credits Hours**

1

Lab/Studio/Field Work Hours

2

Prerequisites

- Music major or C.I.

Course Description

Vocal function, anatomy, and pedagogical methodology with applications for K-12 teaching.

College

College of Arts and Humanities

Department

Department of Music

MUE2440 - String Techniques
Credits Hours

1

Lab/Studio/Field Work Hours

2

Prerequisites

- MUED major, junior standing or C.I.

Course Description

Class instruction in string playing and pedagogical techniques.

Current Fee Per Student

\$30.00

College

College of Arts and Humanities

Department

Department of Music

MUE2450 - Woodwind Techniques I
Credits Hours

1

Lab/Studio/Field Work Hours

0

Prerequisites

- MUED major, Junior standing or C.I.

Course Description

Class instruction in woodwind playing and pedagogical techniques.

College

College of Arts and Humanities

Department

Department of Music

MUE2460 - Brass Techniques
Credits Hours

1

Lab/Studio/Field Work Hours

2

Prerequisites

- MUED major, junior standing or C.I.

Course Description

Class instruction in brass playing and pedagogical techniques.

College

College of Arts and Humanities

Department

Department of Music

MUE2470 - Percussion Techniques
Credits Hours

1

Lab/Studio/Field Work Hours

2

Prerequisites

- MUED major, junior standing or C.I.

Course Description

Class instruction in percussion playing and pedagogical techniques.

Current Fee Per Student

\$35.00

College

College of Arts and Humanities

Department

Department of Music

MUE3333 - Music Learning Theory and Assessment
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to BME Professional Program.

Course Description

Learning theory and practical applications of assessment techniques as applied in the music classroom.

College

College of Arts and Humanities

Department

Department of Music

MUE3353 - General Music Literature and Techniques
Credits Hours

2

Lab/Studio/Field Work Hours

0

Prerequisites

- MUE 2040.

Course Description

Diverse literature and techniques for the general music classroom.

College

College of Arts and Humanities

Department

Department of Music

MUE3451 - Woodwind Techniques II**Credits Hours**

1

Lab/Studio/Field Work Hours

0

Prerequisites

- MUE 2450, MUED major, Junior standing or C.I.

Course Description

Continuation of Woodwind Techniques I, with emphasis on double reeds.

College

College of Arts and Humanities

Department

Department of Music

MUE3461 - Brass Techniques II**Credits Hours**

1

Lab/Studio/Field Work Hours

1

Prerequisites

- MUE 2460.

Course Description

Continued study of performance techniques, teaching skills, resources, and materials required to teach brass instruments to beginning, middle, and high school level students.

College

College of Arts and Humanities

Department

Department of Music

MUE3693 - Technology in Music Education**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MUE 2040 or C.I.

Course Description

Productivity software, classroom management tools, web design and other technological tools for classroom teaching.

College

College of Arts and Humanities

Department

Department of Music

MUE3942 - Music Internship I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MUE 4311, MUE 3333, EDG 4410, TSL 4080, EDF 4603 and RED 4043.

Course Description

Students experience various roles of a music teacher in elementary and secondary settings, including observation, microteaching, and the completion of various assignments.

College

College of Arts and Humanities

Department

Department of Music

MUE4311 - Elementary School Music Methods**Credits Hours**

2

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing, MUED major.

Course Description

Organization and administration of instruction for comprehensive music education, K-6; instructional planning, techniques, and materials for elementary music education.

College

College of Arts and Humanities

Department

Department of Music

MUE4331 - Secondary Choral Methods I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to BME Professional Program.

Course Description

Examination of vocal and choral literature, planning skills and rehearsal techniques for choral groups.

College

College of Arts and Humanities

Department

Department of Music

MUE4332 - Secondary Instrumental Methods I
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to BME Professional Program.

Course Description

Wind, percussion, and string teaching methods for beginning and middle level students in a large classroom setting.

College

College of Arts and Humanities

Department

Department of Music

MUE4335 - Secondary Choral Methods II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MUE 4331 with a grade of "C" (2.0) or better.

Course Description

Continued examination of vocal and choral literature, planning skills and rehearsal techniques for choral groups.

College

College of Arts and Humanities

Department

Department of Music

MUE4337 - Secondary Instrumental Methods II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MUE 4332 with grade of "C" (2.0) or better.

Course Description

Wind and percussion teaching methods for high school students in a large classroom setting.

College

College of Arts and Humanities

Department

Department of Music

MUE4393 - Music and Students with Special Needs
Credits Hours

2

Lab/Studio/Field Work Hours

0

Prerequisites

- MUE 2040 or C.I.

Course Description

Consideration of the general education music curriculum in regards to students with disabilities and special needs.

College

College of Arts and Humanities

Department

Department of Music

MUE4791 - BME ePortfolio**Credits Hours**

0

Lab/Studio/Field Work Hours

0

Prerequisites

- MUE 3742 Music Internship I;

Corequisites

- MUE 4943 - Music Internship II.

Course Description

Required electronic portfolio for all Bachelor of Music Education majors to be taken in conjunction with MUE 4943 - Music Internship II.

College

College of Arts and Humanities

Department

Department of Music

MUE4943 - Music Internship II**Credits Hours**

12

Lab/Studio/Field Work Hours

0

Prerequisites

- MUE 3942.

Course Description

Student Teaching in an elementary or secondary school under supervision of a certified classroom teacher.

College

College of Arts and Humanities

Department

Department of Music

MUG - Music Conducting

MUG3104 - Basic Conducting
Credits Hours

2

Lab/Studio/Field Work Hours

1

Prerequisites

- MUT 1122 or C.I.

Course Description

Fundamental techniques and practice in conducting.

College

College of Arts and Humanities

Department

Department of Music

MUG3202 - Choral Conducting and Materials
Credits Hours

1 - 99

Lab/Studio/Field Work Hours

Jan-99

Prerequisites

- MUG 3104.

Course Description

Fundamental principles of choral conducting and rehearsal techniques including an examination of materials.

College

College of Arts and Humanities

Department

Department of Music

MUG3302 - Instrumental Conducting and Materials
Credits Hours

1 - 99

Lab/Studio/Field Work Hours

Jan-99

Prerequisites

- MUG 3104.

Course Description

Fundamental principles of instrumental conducting and rehearsal techniques including an examination of materials.

College

College of Arts and Humanities

Department

Department of Music

MUH - Music: History/Musicology

MUH2017 - Survey of Rock Music
Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

Rise of rock music to prominence, and its impact on audience reception. No musical background required.

College

College of Arts and Humanities

Department

Department of Music

MUH2017H - Honors Survey of Rock Music**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Consent of Honors.

Course Description

Rock music, 1950s to present, with emphasis on cultural and musical meaning. With Honors content

College

College of Arts and Humanities

Department

Department of Music

MUH2019 - American Popular Music, 1840s-present**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Musical and cultural development of popular music in the United States from the 1840s to the present.

College

College of Arts and Humanities

Department

Department of Music

MUH2021 - Survey of Country Music**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Country music and its historical developments from the 1920s to present.

College

College of Arts and Humanities

Department

Department of Music

MUH3211 - Music History and Literature I
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MUH 3633 and MUT 1122 with a grade of "C" (2.0) or better.

Course Description

History of Western European art music from Antiquity to 1800.

College

College of Arts and Humanities

Department

Department of Music

MUH3212 - Music History and Literature II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MUH 3211 with grade of "C" (2.0) or better.

Course Description

History of Western European art music from 1800 to present day

College

College of Arts and Humanities

Department

Department of Music

MUH3633 - Music in the United States**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MUL 2720 and MUT 1122 with grade of "C" (2.0) or better.

Course Description

Music of the United States of America from pre-Revolutionary times to present. Includes vernacular, jazz, popular, and art music traditions indigenous to the USA.

College

College of Arts and Humanities

Department

Department of Music

MUH4322 - Medieval and Renaissance Music**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MUH 3211 and MUH 3212 with grade of "C" (2.0) or better.

Course Description

Music and culture of Western Europe in the era c. 450-1600.

College

College of Arts and Humanities

Department

Department of Music

MUH4341 - Music of the Baroque
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MUH 3211 and MUH 3212 with grade of "C" (2.0) or better.

Course Description

Music and culture during the Baroque period, 1600-1750.

College

College of Arts and Humanities

Department

Department of Music

MUH4351 - Eighteenth-Century Music
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MUH 3211 and MUH 3212 with grade of "C" (2.0) or better.

Course Description

Music and culture of Western Europe in the era c. 1700-1830.

College

College of Arts and Humanities

Department

Department of Music

MUH4361 - Music of the 19th Century
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MUH 3211 and MUH 3212 with grade of "C" (2.0) or better.

Course Description

Examination of Western European and American art music from the nineteenth century.

College

College of Arts and Humanities

Department

Department of Music

MUH4371 - Music Since 1900
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MUH 3211 and MUH 3212 with grade of "C" (2.0) or better.

Course Description

Western art music since 1900.

College

College of Arts and Humanities

Department

Department of Music

MUH4814 - Jazz Styles and Analysis
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MUT 3171 and MUL 2016 with grade of "C" (2.0) or better.

Course Description

Historical style periods and master artists in jazz music.

College

College of Arts and Humanities

Department

Department of Music

MUL - Music: Music Literature

MUL2010 - Enjoyment of Music
Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites

- Non-music majors only.

Course Description

Designed to develop an understanding of musical principles and techniques for listening to music.

College

College of Arts and Humanities

Department

Department of Music

MUL2010H - Honors Enjoyment of Music
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Consent of Honors.

Course Description

Designed to develop an understanding of musical principles and techniques for listening to music, with Honors content.

College

College of Arts and Humanities

Department

Department of Music

MUL2014 - Introduction to Music History and Literature
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Music major or C.I.

Course Description

Musical repertoires and cultures from the Western art music tradition, American jazz, and non-western music.

College

College of Arts and Humanities

Department

Department of Music

MUL2016 - Evolution of Jazz
Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

Survey of jazz literature and performance.

College

College of Arts and Humanities

Department

Department of Music

MUL2720 - Music of the World
Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

Music in cross-cultural context. Relation of music to religion and society.

College

College of Arts and Humanities

Department

Department of Music

MUL2721 - Survey of Latin American Music
Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

Survey of Latin-American and Caribbean music, including musical traditions as well as historical and cultural connections.

College

College of Arts and Humanities

Department

Department of Music

MUL3024 - Welcome to the Jungle: Hard Rock
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: MUL 2010, or C. I.

Course Description

A survey of hard rock and heavy metal music and culture in the 1980s.

College

College of Arts and Humanities

Department

Department of Music

MUL3385 - Analysis of Hard Rock & Heavy Metal
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: MUH 3633, or C. I.

Course Description

An analytical discourse of hard rock and heavy metal in the 1980s, a period where the genres enjoyed their highest degree of popularity.

College

College of Arts and Humanities

Department

Department of Music

MUL3400 - Piano Literature I
Credits Hours

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Major in Music or C.I.

Course Description

Survey of stringed keyboard literature from the 16th century to the present, with emphasis on technical, formal and performance problems.

College

College of Arts and Humanities

Department

Department of Music

MUL3401 - Piano Literature II
Credits Hours

2

Lab/Studio/Field Work Hours

1

Prerequisites

- MUL 3400.

Course Description

Continuation of MUL 3400.

College

College of Arts and Humanities

Department

Department of Music

MUL3463 - Percussion Literature
Credits Hours

2

Lab/Studio/Field Work Hours

0

Prerequisites

- Music major (Percussion), Junior standing, C.I.

Course Description

Survey of music written for percussion instruments.

College

College of Arts and Humanities

Department

Department of Music

MUL3602 - Song Literature
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MUL 2014 or C.I.

Course Description

Classical song repertoire in English and common foreign languages, and proven methods of effective song study.

College

College of Arts and Humanities

Department

Department of Music

MUL4437 - String Literature and Pedagogy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MUL 2014.

Course Description

Important literature written for string instruments, and basic concepts and techniques to teach string.

College

College of Arts and Humanities

Department

Department of Music

MUL4438 - Guitar Literature and Pedagogy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MVS 2426 or C.I.

Course Description

Overview of classical guitar literature, history, and pedagogy from the Renaissance to the present.

College

College of Arts and Humanities

Department

Department of Music

MUL4443 - Brass Literature and Pedagogy
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MUL 2014.

Course Description

Important literature written for brass instruments, and basic concepts and techniques to teach brass.

College

College of Arts and Humanities

Department

Department of Music

MUL4444 - Woodwind Literature and Pedagogy
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Music major and MUL 2014.

Course Description

Important literature written for woodwind instruments, and basic concepts and techniques to teach woodwinds.

College

College of Arts and Humanities

Department

Department of Music

MUL4552 - Band Literature**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MUT 1122 and MUL 2014, or C.I.

Course Description

Survey of materials for use in the public school band classroom, including beginning band methods, technique books, and musical selections appropriate for concert performance.

College

College of Arts and Humanities

Department

Department of Music

MUL4643 - Choral Literature**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" (2.0) or better in MUH 3211 and MUH 3212, or C.I.

Course Description

Choral music from its beginnings to the present with consideration of historical perspective; genres, styles, and performance practice, major composers, and representative works.

College

College of Arts and Humanities

Department

Department of Music

MUN - Music: Music Ensembles

MUN2442 - Percussion/Mallet Ensemble
Credits Hours

1

Lab/Studio/Field Work Hours

0

Prerequisites

- C.I.

Course Description

Preparation and performance of music for percussion with mallets.

Current Fee Per Student

\$30.00

College

College of Arts and Humanities

Department

Department of Music

MUN3113 - Marching Band
Credits Hours

2

Lab/Studio/Field Work Hours

8

Prerequisites

- Admission by audition.

Course Description

Preparation for appearance at football games and special occasions.

Current Fee Per Student

\$37.00

College

College of Arts and Humanities

Department

Department of Music

MUN3123L - Concert Band
Credits Hours

1

Lab/Studio/Field Work Hours

3

Prerequisites

- C.I.

Course Description

No audition required and open to all majors. Study and performance of music for large ensembles.

Current Fee Per Student

\$20.00

College

College of Arts and Humanities

Department

Department of Music

MUN3133 - Symphonic Band
Credits Hours

1

Lab/Studio/Field Work Hours

4

Prerequisites

- Open to all students by audition.

Course Description

Auditioned performance ensemble that presents multiple concerts each semester and performs a variety of musical literature for winds and percussion.

Current Fee Per Student

\$20.00

College

College of Arts and Humanities

Department

Department of Music

MUN3143 - Wind Ensemble
Credits Hours

1

Lab/Studio/Field Work Hours

4

Prerequisites

- Open to all students by audition.

Course Description

Study and performance of music for wind ensemble and band.

Current Fee Per Student

\$20.00

College

College of Arts and Humanities

Department

Department of Music

MUN3283 - Symphony Orchestra
Credits Hours

1

Lab/Studio/Field Work Hours

5

Prerequisites

- Audition.

Course Description

Open to all students by audition. Rehearsal and performance of works from the symphonic repertoire.

Current Fee Per Student

\$20.00

College

College of Arts and Humanities

Department

Department of Music

MUN3313 - University Chorus
Credits Hours

1

Lab/Studio/Field Work Hours

0

Prerequisites

- C.I.

Course Description

Open to all students by audition. Study and performance of large ensemble music. Possible tours.

Current Fee Per Student

\$20.00

College

College of Arts and Humanities

Department

Department of Music

MUN3323 - Women's Chorus
Credits Hours

1

Lab/Studio/Field Work Hours

3

Prerequisites

- Audition and C.I.

Course Description

Study and performance of music for women's voices. Open to all students.

Current Fee Per Student

\$20.00

College

College of Arts and Humanities

Department

Department of Music

MUN3343L - Chamber Singers
Credits Hours

1

Lab/Studio/Field Work Hours

3

Prerequisites

- C.I.

Course Description

A chamber choir of advanced singers. Open to all students by audition. Additional rehearsals and commitments required.

Current Fee Per Student

\$20.00

College

College of Arts and Humanities

Department

Department of Music

MUN3423 - Woodwind Ensemble
Credits Hours

1

Lab/Studio/Field Work Hours

2

Prerequisites

- C.I.

Course Description

Open to all students. Study and performance of music for small ensembles.

Current Fee Per Student

\$20.00

College

College of Arts and Humanities

Department

Department of Music

MUN3426 - Saxophone Ensemble**Credits Hours**

1

Lab/Studio/Field Work Hours

0

Prerequisites

- Students must pass an audition in front of the instructor.

Course Description

An in-depth study and performance of music written for an ensemble comprised of all saxophones.

Current Fee Per Student

\$20.00

College

College of Arts and Humanities

Department

Department of Music

MUN3427 - Flute Ensemble**Credits Hours**

1

Lab/Studio/Field Work Hours

0

Prerequisites

- Student must pass an audition in front of the instructor.

Course Description

Study and performance of music written for an ensemble comprised of all flutes.

Current Fee Per Student

\$20.00

College

College of Arts and Humanities

Department

Department of Music

MUN3431L - Brass Quintet
Credits Hours

1

Lab/Studio/Field Work Hours

2

Prerequisites

- Audition and Consent of Instructor.

Course Description

Rehearsal and performance of music for brass quintet.

Current Fee Per Student

\$20.00

College

College of Arts and Humanities

Department

Department of Music

MUN3433 - Brass Ensemble
Credits Hours

1

Lab/Studio/Field Work Hours

2

Prerequisites

- C.I.

Course Description

Open to all students. Study and performance of music for small ensembles.

Current Fee Per Student

\$20.00

College

College of Arts and Humanities

Department

Department of Music

MUN3437 - Trumpet Ensemble
Credits Hours

1

Lab/Studio/Field Work Hours

0

Prerequisites

- C.I.

Course Description

Rehearsal and performance of music for trumpet ensembles.

College

College of Arts and Humanities

Department

Department of Music

MUN3443 - Percussion Ensemble
Credits Hours

1

Lab/Studio/Field Work Hours

2

Prerequisites

- C.I.

Course Description

Open to all students. Study and performance of music for small ensembles.

Current Fee Per Student

\$35.00

College

College of Arts and Humanities

Department

Department of Music

MUN3444 - Mallet Ensemble
Credits Hours

1

Lab/Studio/Field Work Hours

0

Prerequisites

- C.I.

Course Description

Preparation and performance of music for mallet ensemble.

Current Fee Per Student

\$35.00

College

College of Arts and Humanities

Department

Department of Music

MUN3453 - Piano Ensemble
Credits Hours

1

Lab/Studio/Field Work Hours

3

Prerequisites

- Open to Music Majors or C.I.

Course Description

Study and performance of music for small ensembles.

Current Fee Per Student

\$20.00

College

College of Arts and Humanities

Department

Department of Music

MUN3483 - String Ensemble
Credits Hours

1

Lab/Studio/Field Work Hours

2

Prerequisites

- C.I.

Course Description

Open to all students. Study and performance of music for small ensembles.

Current Fee Per Student

\$20.00

College

College of Arts and Humanities

Department

Department of Music

MUN3487 - Guitar Ensemble
Credits Hours

1

Lab/Studio/Field Work Hours

2

Prerequisites

- Audition or C.I.

Course Description

Study and performance of music for multiple guitars.

Current Fee Per Student

\$20.00

College

College of Arts and Humanities

Department

Department of Music

MUN3493 - New Music Ensemble
Credits Hours

1

Lab/Studio/Field Work Hours

0

Prerequisites

- C.I.

Course Description

Open to all students by audition. Performance-oriented chamber group focused on a diverse repertoire from the 20th and 21st-century.

College

College of Arts and Humanities

Department

Department of Music

MUN3713 - Jazz Ensemble
Credits Hours

1

Lab/Studio/Field Work Hours

4

Prerequisites

- C.I.

Course Description

Open to all students by audition. Study and performance of music for small ensembles.

Current Fee Per Student

\$20.00

College

College of Arts and Humanities

Department

Department of Music

MUN3714 - Jazz Combo**Credits Hours**

1

Lab/Studio/Field Work Hours

2

Prerequisites

- Junior standing and C.I.

Course Description

Rehearsal and performance of music for small jazz combo, emphasizing improvisation.

Current Fee Per Student

\$20.00

College

College of Arts and Humanities

Department

Department of Music

MUN3813 - Steel Drum Ensemble**Credits Hours**

1

Lab/Studio/Field Work Hours

1

Prerequisites

- C.I.

Course Description

Rehearsal and performance of music arranged for steel drum band.

Current Fee Per Student

\$20.00

College

College of Arts and Humanities

Department

Department of Music

MUO - Music Opera

MUO3503L - Opera Workshop
Credits Hours

1

Lab/Studio/Field Work Hours

3

Prerequisites

- MUO 2501C, or C.I., and audition.

Course Description

Study, preparation, and performance of opera literature.

Current Fee Per Student

\$70.00

College

College of Arts and Humanities

Department

Department of Music

MUS - Music

MUS1010 - Music Forum
Credits Hours

0

Lab/Studio/Field Work Hours

2

Course Description

A series of special musical events required of music majors. Includes lectures and recitals by faculty, students, and guest artists.

College

College of Arts and Humanities

Department

Department of Music

MUS1250 - IPA for Singers**Credits Hours**

1

Lab/Studio/Field Work Hours

0

Prerequisites

- Music major or C.I.

Course Description

The International Phonetic Alphabet and its application to English, French, German, and Italian music written for voice.

College

College of Arts and Humanities

Department

Department of Music

MUS2360C - Introduction to Music Technology**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- Music major or C.I.

Course Description

Utilization of computers and keyboards to acquire skills in MIDI sequencing, notation, CDs, and the Internet.

College

College of Arts and Humanities

Department

Department of Music

MUS3051 - Music Entrepreneurship**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: MUT 1122, or C. I.

Course Description

Identification of opportunities in the entertainment marketplace, exploration of resources to explore those possibilities, and committing the necessary resources to achieve long-term gain.

College

College of Arts and Humanities

Department

Department of Music

MUS3254 - Italian and French Lyric Diction**Credits Hours**

2

Lab/Studio/Field Work Hours

0

Prerequisites

- MUS 1250.

Course Description

Study and applications of the correct sung pronunciation of the Italian and French languages.

College

College of Arts and Humanities

Department

Department of Music

MUS3255 - German and English Lyric Diction**Credits Hours**

2

Lab/Studio/Field Work Hours

0

Prerequisites

- MUS 1250.

Course Description

Study and applications of the correct sung pronunciation of the German and English languages.

College

College of Arts and Humanities

Department

Department of Music

MUS3684H - How Music Affects Your Brain**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Consent of Honors

Course Description

Impact of sound and music on brain function including mood, emotion, pain, cognition, and memory using interdisciplinary approach, neuroscience and basic analysis of music structure.

College

College of Arts and Humanities

Department

Department of Music

MUS3953 - Recital Performance I
Credits Hours

0

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior Level Applied Music and C.I.

Course Description

Public recital of 30 minutes to demonstrate performance skills.

College

College of Arts and Humanities

Department

Department of Music

MUS4320 - Music Business and Industry
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Music major, Music minor or Entertainment Management major, with a grade of "C"(2.0) or better in MUL 2010 or MUL 2720.

Course Description

Today's music industry copyright, publishing, contracts and licensing.

College

College of Arts and Humanities

Department

Department of Music

MUS4674 - Health and Wellness for the Performing Artist
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MUT 1121.

Course Description

Focus on performing artists' health and related topics.

College

College of Arts and Humanities

Department

Department of Music

MUS4900 - Music BA Capstone Project
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- C.I.

Course Description

Selfdesigned project, completed under faculty supervision, that demonstrates ability to think critically and work independently while applying knowledge and skills from music and other subjects.

College

College of Arts and Humanities

Department

Department of Music

MUS4905 - Directed Experience
Credits Hours

1 - 4

Prerequisites

- C.I. and Junior standing.

Course Description

Special topics of study and/or research as determined by student/faculty consultation.

College

College of Arts and Humanities

Department

Department of Music

MUS4923 - Music Performance Workshop
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: Successful completion of two semesters of level I applied music, or C. I.

Course Description

Individual coaching and study of the art of music performance, including mock auditions and performances.

College

College of Arts and Humanities

Department

Department of Music

MUS4954 - Recital Performance II
Credits Hours

0

Lab/Studio/Field Work Hours

0

Prerequisites

- Senior level applied music and C.I.

Course Description

Public recital of 45 minutes to demonstrate performance skills.

College

College of Arts and Humanities

Department

Department of Music

MUT - Music: Theory

MUT1004 - Fundamentals of Music I

Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

Basic music theory and reading music.

College

College of Arts and Humanities

Department

Department of Music

MUT1121 - Music Theory and Musicianship I

Credits Hours

4

Lab/Studio/Field Work Hours

2

Prerequisites

- MUT 1004 or Music major or Musical Theatre major

Course Description

Studies in music theory, both written and aural skills, including musical analysis, model composition, sight singing, ear training, and improvisation.

College

College of Arts and Humanities

Department

Department of Music

MUT1122 - Music Theory and Musicianship II
Credits Hours

4

Lab/Studio/Field Work Hours

3

Prerequisites

- MUT 1121 with a grade of "C" (2.0) or better.

Course Description

Continuation of MUT 1121. Studies in music theory, both written and aural skills, including musical analysis, model composition, sight singing, ear training, and improvisation.

College

College of Arts and Humanities

Department

Department of Music

MUT2126 - Music Theory and Musicianship III
Credits Hours

4

Lab/Studio/Field Work Hours

3

Prerequisites

- MUT 1122 with a grade of "C" (2.0) or better.

Course Description

Continuation of MUT 1122. Studies in music theory, both written and aural skills, including musical analysis, model composition, sight singing, ear training, and improvisation.

College

College of Arts and Humanities

Department

Department of Music

MUT2127 - Music Theory and Musicianship IV**Credits Hours**

4

Lab/Studio/Field Work Hours

3

Prerequisites

- MUT 2126 with a grade of "C" (2.0) or better.

Course Description

Continuation of MUT 2126. Studies in music theory, both written and aural skills, including musical analysis, model composition, sight singing, ear training, and improvisation.

College

College of Arts and Humanities

Department

Department of Music

MUT3170 - Jazz Theory I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MUT 1122 with a grade of "C" (2.0) or better.

Course Description

Study of theoretical concepts in jazz music, including practical keyboard applications.

College

College of Arts and Humanities

Department

Department of Music

MUT3171 - Jazz Theory II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MUT 3170 with a grade of "C" (2.0) or better.

Course Description

Advanced study of theoretical concepts in jazz music, including practical keyboard applications.

College

College of Arts and Humanities

Department

Department of Music

MUT3923 - Jazz Workshop**Credits Hours**

3

Lab/Studio/Field Work Hours

3

Prerequisites

- MUT 3171 or C.I.

Course Description

Comprehensive musicianship in jazz studies. Improvisation, repertoire, leadership and collaboration, studied in the context of a jazz group.

College

College of Arts and Humanities

Department

Department of Music

MUT4031 - Review of Music Theory**Credits Hours**

1

Lab/Studio/Field Work Hours

0

Prerequisites

- C.I.

Course Description

A comprehensive review of harmonic and analytic skills.

College

College of Arts and Humanities

Department

Department of Music

MUT4311 - Orchestration**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MUS 2360C and MUT 2127 with a grade of "C" (2.0) or better.

Course Description

Technical and aesthetic principles of writing for instruments of the concert orchestra.

College

College of Arts and Humanities

Department

Department of Music

MUT4401 - Counterpoint**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MUT 2127 with a grade of "C" (2.0) or better.

Course Description

Counterpoint in Western music from the 16th to the 20th Centuries.

College

College of Arts and Humanities

Department

Department of Music

MUT4571 - Analysis of Twentieth-Century Music**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MUT 2127 with a grade of "C" (2.0) or better.

Course Description

Techniques of analysis for various styles of twentieth-century music.

College

College of Arts and Humanities

Department

Department of Music

MVB - Music: Applied-Brasses

MVB1211 - Secondary Trumpet
Credits Hours

1

Lab/Studio/Field Work Hours

1

Prerequisites

- Consent of Music Chair.

Corequisites

- Performing ensemble.

Course Description

Advanced instruction in trumpet. Intended for non-music majors.

College

College of Arts and Humanities

Department

Department of Music

MVB1212 - Secondary French Horn
Credits Hours

1

Lab/Studio/Field Work Hours

1

Prerequisites

- Consent of Music Chair.

Corequisites

- Performing ensemble.

Course Description

Advanced instruction in French Horn. Intended for non-music majors.

College

College of Arts and Humanities

Department

Department of Music

MVB1213 - Secondary Trombone
Credits Hours

1

Lab/Studio/Field Work Hours

1

Prerequisites

- Consent of Music Chair.

Corequisites

- Performing ensemble.

Course Description

Advanced instruction in trombone. Intended for non-music majors.

College

College of Arts and Humanities

Department

Department of Music

MVB1214 - Secondary Euphonium
Credits Hours

1

Lab/Studio/Field Work Hours

1

Prerequisites

- Consent of Music Chair.

Corequisites

- Performing ensemble.

Course Description

Advanced instruction in euphonium. Intended for non-music majors.

College

College of Arts and Humanities

Department

Department of Music

MVB1215 - Secondary Tuba
Credits Hours

1

Lab/Studio/Field Work Hours

1

Prerequisites

- Consent of Music Chair.

Corequisites

- Performing ensemble.

Course Description

Advanced instruction in tuba. Intended for non-music majors.

College

College of Arts and Humanities

Department

Department of Music

MVB1411 - Trumpet I

Credits Hours

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Major in music or consent of chair; audition.

College

College of Arts and Humanities

Department

Department of Music

MVB1412 - French Horn I

Credits Hours

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Major in music or consent of chair; audition.

College

College of Arts and Humanities

Department

Department of Music

MVB1413 - Trombone I**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Major in music or consent of chair; audition.

College

College of Arts and Humanities

Department

Department of Music

MVB1414 - Euphonium I**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Major in music or consent of chair; audition.

College

College of Arts and Humanities

Department

Department of Music

MVB1415 - Tuba I**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Major in music or consent of chair; audition.

College

College of Arts and Humanities

Department

Department of Music

MVB2421 - Trumpet II**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- MVB 1411 and competence determined by faculty jury.

Course Description

Continuation of MVB 1411.

College

College of Arts and Humanities

Department

Department of Music

MVB2422 - French Horn II**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- MVB 1412 and competence determined by faculty jury.

Course Description

Continuation of MVB 1412.

College

College of Arts and Humanities

Department

Department of Music

MVB2423 - Trombone II**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- MVB 1413 and competence determined by faculty jury.

Course Description

Continuation of MVB 1413.

College

College of Arts and Humanities

Department

Department of Music

MVB2424 - Euphonium II**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- MVB 1414 and competence determined by faculty jury.

Course Description

Continuation of MVB 1414.

College

College of Arts and Humanities

Department

Department of Music

MVB2425 - Tuba II**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- MVB 1415 and competence determined by faculty jury.

Course Description

Continuation of MVB 1415.

College

College of Arts and Humanities

Department

Department of Music

MVB3431 - Trumpet III**Credits Hours**

2 - 3

Lab/Studio/Field Work Hours

1

Prerequisites

- MVB 2421.

Course Description

Continued study of performance skills of the trumpet, with additional intensive work expected for performance majors.

College

College of Arts and Humanities

Department

Department of Music

MVB3432 - French Horn III**Credits Hours**

2 - 3

Lab/Studio/Field Work Hours

1

Prerequisites

- MVB 2422 and competence determined by faculty jury.

Course Description

Continued study of performance skills of the French horn, with additional intensive work expected for performance majors.

College

College of Arts and Humanities

Department

Department of Music

MVB3433 - Trombone III**Credits Hours**

2 - 3

Lab/Studio/Field Work Hours

1

Prerequisites

- MVB 2423 and competence determined by faculty jury.

Course Description

Continued study of performance skills of the trombone, with additional intensive work expected for performance majors.

College

College of Arts and Humanities

Department

Department of Music

MVB3434 - Euphonium III**Credits Hours**

2 - 3

Lab/Studio/Field Work Hours

1

Prerequisites

- MVB 2424 and competence determined by faculty jury.

Course Description

Continued study of performance skills of the euphonium, with additional intensive work expected for performance majors.

College

College of Arts and Humanities

Department

Department of Music

MVB3435 - Tuba III**Credits Hours**

2 - 3

Lab/Studio/Field Work Hours

1

Prerequisites

- MVB 2425 and competence determined by faculty jury.

Course Description

Continued study of performance skills of the tuba, with additional intensive work expected for performance majors.

College

College of Arts and Humanities

Department

Department of Music

MVB4441 - Trumpet IV**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- MVB 3431.

Course Description

Intensive advanced performance study of the trumpet, for performance majors.

College

College of Arts and Humanities

Department

Department of Music

MVB4442 - French Horn IV**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- MVB 3432 and competence determined by faculty jury.

Course Description

Intensive advanced performance study of the French horn, for performance majors.

College

College of Arts and Humanities

Department

Department of Music

MVB4443 - Trombone IV**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- MVB 3433 and competence determined by faculty jury.

Course Description

Intensive advanced performance study of the trombone, for performance majors.

College

College of Arts and Humanities

Department

Department of Music

MVB4444 - Euphonium IV**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- MVB 3434 and competence determined by faculty jury.

Course Description

Intensive advanced performance study of the euphonium, for performance majors.

College

College of Arts and Humanities

Department

Department of Music

MVB4445 - Tuba IV**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- MVB 3435 and competence determined by faculty jury.

Course Description

Intensive advanced performance study of the tuba, for performance majors.

College

College of Arts and Humanities

Department

Department of Music

MVJ - Applied Music Jazz

MVJ1010 - Jazz Piano I**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Music major or C.I.

Course Description

Scale studies, arpeggios, chord voicings, and other techniques included in fundamentals of jazz piano skills.

College

College of Arts and Humanities

Department

Department of Music

MVJ1213 - Jazz Guitar I**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Music major or C.I.

Course Description

Scales, arpeggios, chord voicings, and other techniques included in fundamentals of jazz guitar skills.

College

College of Arts and Humanities

Department

Department of Music

MVJ1214 - Jazz Bass I**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Music major or C.I.

Course Description

Basic Jazz Bass skills, including sound concept, technique, literature, style, history, and heritage.

College

College of Arts and Humanities

Department

Department of Music

MVJ1219 - Jazz Drum Set I**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Music major or C.I.

Course Description

Basic Jazz Drum Set skills, including sound concept, technique, literature, style, history, and heritage.

College

College of Arts and Humanities

Department

Department of Music

MVJ2220 - Jazz Piano II**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- MVJ 1010.

Course Description

Continuation of MVJ 1010. Scale Studies, arpeggios, chord voicings, and other techniques included in progressive jazz piano skills.

College

College of Arts and Humanities

Department

Department of Music

MVJ2223 - Jazz Guitar II**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- MVJ 1213.

Course Description

Continuation of MVJ 1213. Scales, arpeggios, chord voicings and other techniques included in progressive jazz guitar skills.

College

College of Arts and Humanities

Department

Department of Music

MVJ2224 - Jazz Bass II**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- MVJ 1214.

Course Description

Continuation of MVJ 1214. Progressive Jazz Bass skills, including sound concept, technique, literature, style, history, and heritage.

College

College of Arts and Humanities

Department

Department of Music

MVJ2229 - Jazz Drum Set II**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- MVJ 1219.

Course Description

Continuation of MVJ 1219. Progressive Jazz Drum Set skills, including sound concept, technique, literature, style, history, and heritage.

College

College of Arts and Humanities

Department

Department of Music

MVJ3230 - Jazz Piano III**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- MVJ 2220.

Course Description

Continuation of MVJ 2220. Scale studies, arpeggios, chord voicings, and other techniques included in progressive jazz piano skills.

College

College of Arts and Humanities

Department

Department of Music

MVJ3233 - Jazz Guitar III**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- MVJ 2223.

Course Description

Continuation of MVJ 2223. Scales, arpeggios, chord voicings and other techniques included in progressive jazz guitar skills.

College

College of Arts and Humanities

Department

Department of Music

MVJ3234 - Jazz Bass III**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- MVJ 2224.

Course Description

Continuation of MVJ 2224. Progressive Jazz Bass skills, including sound concept, technique, literature, style, history, and heritage.

College

College of Arts and Humanities

Department

Department of Music

MVJ3339 - Jazz Drum Set III
Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites

- MVJ 2229.

Course Description

Continuation of MVJ 2229. Progressive Jazz Drum Set skills, including sound concept, technique, literature, style, history, and heritage.

College

College of Arts and Humanities

Department

Department of Music

MVJ4240 - Jazz Piano IV
Credits Hours

4

Lab/Studio/Field Work Hours

1

Prerequisites

- MVJ 3230.

Course Description

Continuation of MVJ 3230. Scale studies, arpeggios, chord voicings, and other techniques included in advanced jazz piano skills.

College

College of Arts and Humanities

Department

Department of Music

MVJ4243 - Jazz Guitar IV**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- MVJ 3233.

Course Description

Continuation of MVJ 3233. Scales, arpeggios, chord voicings, and other techniques included in advanced jazz guitar skills.

College

College of Arts and Humanities

Department

Department of Music

MVJ4244 - Jazz Bass IV**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- MVJ 3234.

Course Description

Continuation of MVJ 3234. Advanced Jazz Bass skills, including sound concept, technique, literature, style, history, and heritage.

College

College of Arts and Humanities

Department

Department of Music

MVJ4349 - Jazz Drum Set IV
Credits Hours

4

Lab/Studio/Field Work Hours

1

Prerequisites

- MVJ 3339.

Course Description

Continuation of MVJ 3339. Progressive Jazz Drum Set skills, including sound concept, technique, literature, style, history, and heritage.

College

College of Arts and Humanities

Department

Department of Music

MVK - Music: Applied-Keyboards

MVK1111 - Class Piano I
Credits Hours

1

Lab/Studio/Field Work Hours

0

Prerequisites

- Music major or Musical Theatre major

Course Description

Class instruction for beginning piano students. Not open to music majors whose major performing medium is piano.

College

College of Arts and Humanities

Department

Department of Music

MVK1112 - Class Piano II**Credits Hours**

1

Lab/Studio/Field Work Hours

2

Prerequisites

- MVK 1111 with grade of "C" (2.0) or better or C.I.

Course Description

Continuation of MVK 1111. Music majors only; not open to music majors whose major performing medium is piano.

College

College of Arts and Humanities

Department

Department of Music

MVK1211 - Secondary Piano**Credits Hours**

1

Lab/Studio/Field Work Hours

1

Prerequisites

- Consent of Music Chair.

Corequisites

- Performing ensemble.

Course Description

Advanced instruction in piano. Intended for non-music majors.

College

College of Arts and Humanities

Department

Department of Music

MVK1411 - Piano I**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Major in music or consent of chairperson; audition.

College

College of Arts and Humanities

Department

Department of Music

MVK2121 - Class Piano III**Credits Hours**

1

Lab/Studio/Field Work Hours

2

Prerequisites

- MVK 1112 with grade of "C" (2.0) or better or C.I.

Course Description

Continuation of MVK 1112. Music majors only; not open to music majors whose major instrument is piano.

College

College of Arts and Humanities

Department

Department of Music

MVK2122 - Class Piano IV**Credits Hours**

1

Lab/Studio/Field Work Hours

2

Prerequisites

- MVK 2121 with grade of "C" (2.0) or better or C.I.

Course Description

Continuation of MVK 2121. Music majors only; not open to music majors whose major instrument is piano.

College

College of Arts and Humanities

Department

Department of Music

MVK2421 - Piano II**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- MVK 1411 and competence determined by faculty jury.

Course Description

Continuation of MVK 1411.

College

College of Arts and Humanities

Department

Department of Music

MVK3431 - Piano III**Credits Hours**

2 - 3

Lab/Studio/Field Work Hours

1

Prerequisites

- MVK 2421 and competence determined by faculty jury.

Course Description

Continued study of performance skills of the piano, with additional intensive work expected for performance majors.

College

College of Arts and Humanities

Department

Department of Music

MVK4441 - Piano IV**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- MVK 3431 and competence determined by faculty jury.

Course Description

Intensive advanced performance study of the piano, for performance majors.

College

College of Arts and Humanities

Department

Department of Music

MVK4640 - Piano Pedagogy I**Credits Hours**

2

Lab/Studio/Field Work Hours

0

Prerequisites

- MVK 1411 or C.I.

Course Description

Methods, materials for teaching individuals and classes of children and adults beginning to intermediate levels; demonstration and observation of procedures.

College

College of Arts and Humanities

Department

Department of Music

MVP - Music: Applied-Percussion

MVP1211 - Secondary Percussion
Credits Hours

1

Lab/Studio/Field Work Hours

1

Prerequisites

- Consent of Music Chair.

Corequisites

- Performing ensemble.

Course Description

Advanced instruction in percussion. Intended for non-music majors.

Current Fee Per Student

\$35.00

College

College of Arts and Humanities

Department

Department of Music

MVP1411 - Percussion I
Credits Hours

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Major in music or consent of chair; audition.

Current Fee Per Student

\$35.00

College

College of Arts and Humanities

Department

Department of Music

MVP2421 - Percussion II:
Credits Hours

2

Lab/Studio/Field Work Hours

1

Prerequisites

- MVK 1411 and competence determined by faculty jury.

Course Description

Continuation of MVK 1411.

Current Fee Per Student

\$35.00

College

College of Arts and Humanities

Department

Department of Music

MVP3431 - Percussion III
Credits Hours

2 - 3

Lab/Studio/Field Work Hours

1

Prerequisites

- MVP 2421 and competence determined by faculty jury.

Course Description

Continued study of performance skills of percussion, with additional intensive work expected for performance majors.

Current Fee Per Student

\$35.00

College

College of Arts and Humanities

Department

Department of Music

MVP3630 - Percussion Pedagogy
Credits Hours

2

Lab/Studio/Field Work Hours

0

Prerequisites

- Music major, C.I.

Course Description

Teaching methods and materials for percussion students and groups.

College

College of Arts and Humanities

Department

Department of Music

MVP4441 - Percussion IV
Credits Hours

4

Lab/Studio/Field Work Hours

1

Prerequisites

- MVP 3431 and competence determined by faculty jury.

Course Description

Intensive advanced performance study of percussion for performance majors.

Current Fee Per Student

\$35.00

College

College of Arts and Humanities

Department

Department of Music

MVS - Music: Applied-Strings

MVS1211 - Secondary Violin
Credits Hours

1

Lab/Studio/Field Work Hours

1

Prerequisites

- Consent of Music Chair.

Corequisites

- Performing ensemble.

Course Description

Advanced instruction in violin. Intended for non-music majors.

College

College of Arts and Humanities

Department

Department of Music

MVS1212 - Secondary Viola
Credits Hours

1

Lab/Studio/Field Work Hours

1

Prerequisites

- Consent of Music Chair.

Corequisites

- Performing ensemble.

Course Description

Advanced instruction in viola. Intended for non-music majors.

College

College of Arts and Humanities

Department

Department of Music

MVS1213 - Secondary Cello
Credits Hours

1

Lab/Studio/Field Work Hours

1

Prerequisites

- Consent of Music Chair:

Corequisites

- Performing ensemble.

Course Description

Advanced instruction in cello. Intended for non-music majors.

College

College of Arts and Humanities

Department

Department of Music

MVS1214 - Secondary Bass
Credits Hours

1

Lab/Studio/Field Work Hours

1

Prerequisites

- Consent of Music Chair.

Corequisites

- Performing ensemble.

Course Description

Advanced instruction in bass. Intended for non-music majors.

College

College of Arts and Humanities

Department

Department of Music

MVS1216 - Secondary Guitar
Credits Hours

1

Lab/Studio/Field Work Hours

1

Prerequisites

- Consent of Music Chair.

Corequisites

- Performing ensemble.

Course Description

Advanced instruction in guitar. Intended for non-music majors.

College

College of Arts and Humanities

Department

Department of Music

MVS1411 - Violin I

Credits Hours

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Major in music or consent of chair; audition.

College

College of Arts and Humanities

Department

Department of Music

MVS1412 - Viola I

Credits Hours

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Major in music or consent of chair; audition.

College

College of Arts and Humanities

Department

Department of Music

MVS1413 - Cello I**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Major in music or consent of chair; audition.

College

College of Arts and Humanities

Department

Department of Music

MVS1414 - Bass I**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Major in music or consent of chair; audition.

College

College of Arts and Humanities

Department

Department of Music

MVS1415 - Harp I**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Major in music or consent of chair; audition.

College

College of Arts and Humanities

Department

Department of Music

MVS1416 - Guitar I**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Major in music or consent of chair; audition.

College

College of Arts and Humanities

Department

Department of Music

MVS2421 - Violin II**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- MVS 1411 and competence determined by faculty jury.

Course Description

Continuation of MVS 1411.

College

College of Arts and Humanities

Department

Department of Music

MVS2422 - Viola II**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- MVS 1412 and competence determined by faculty jury.

Course Description

Continuation of MVS 1412.

College

College of Arts and Humanities

Department

Department of Music

MVS2423 - Cello II**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- MVS 1413 and competence determined by faculty jury.

Course Description

Continuation of MVS 1413.

College

College of Arts and Humanities

Department

Department of Music

MVS2424 - Bass II**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- MVS 1414 and competence determined by faculty jury.

Course Description

Continuation of MVS 1414.

College

College of Arts and Humanities

Department

Department of Music

MVS2425 - Harp II**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- MVS 1415 and competence determined by faculty jury.

Course Description

Continuation of MVS 1415.

College

College of Arts and Humanities

Department

Department of Music

MVS2426 - Guitar II**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- MVS 1416 and competence determined by faculty jury.

Course Description

Continuation of MVS 1416.

College

College of Arts and Humanities

Department

Department of Music

MVS3431 - Violin III**Credits Hours**

2 - 3

Lab/Studio/Field Work Hours

1

Prerequisites

- MVS 2421 and competence determined by faculty jury.

Course Description

Continued study of performance skills of the violin, with additional intensive work expected for performance majors.

College

College of Arts and Humanities

Department

Department of Music

MVS3432 - Viola III**Credits Hours**

2 - 3

Lab/Studio/Field Work Hours

1

Prerequisites

- MVS 2422 and competence determined by faculty jury.

Course Description

Continued study of performance skills of the viola, with additional intensive work expected for performance majors.

College

College of Arts and Humanities

Department

Department of Music

MVS3433 - Cello III**Credits Hours**

2 - 3

Lab/Studio/Field Work Hours

1

Prerequisites

- MVS 2423 and competence determined by faculty jury.

Course Description

Continued study of performance skills of the cello, with additional intensive work expected for performance majors.

College

College of Arts and Humanities

Department

Department of Music

MVS3434 - Bass III**Credits Hours**

2 - 3

Lab/Studio/Field Work Hours

1

Prerequisites

- MVS 2424 and competence determined by faculty jury.

Course Description

Continued study of performance skills of the string bass, with additional intensive work expected for performance majors.

College

College of Arts and Humanities

Department

Department of Music

MVS3435 - Harp III**Credits Hours**

2 - 3

Lab/Studio/Field Work Hours

1

Prerequisites

- MVS 2425 and competence determined by faculty jury.

Course Description

Continued study of performance skills of the harp, with additional intensive work expected for performance majors.

College

College of Arts and Humanities

Department

Department of Music

MVS3436 - Guitar III**Credits Hours**

2 - 3

Lab/Studio/Field Work Hours

1

Prerequisites

- MVS 2426 and competence determined by faculty jury.

Course Description

Continued study of performance skills of the guitar, with additional intensive work expected for performance majors.

College

College of Arts and Humanities

Department

Department of Music

MVS4346 - Guitar IV**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- MVS 3436 and competence determined by faculty jury.

Course Description

Intensive advanced performance study of the guitar, for performance majors.

College

College of Arts and Humanities

Department

Department of Music

MVS4441 - Violin IV**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- MVS 3431 and competence determined by faculty jury.

Course Description

Intensive advanced performance study of the violin, for performance majors.

College

College of Arts and Humanities

Department

Department of Music

MVS4442 - Viola IV**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- MVS 3432 and competence determined by faculty jury.

Course Description

Intensive advanced performance study of the viola, for performance majors.

College

College of Arts and Humanities

Department

Department of Music

MVS4443 - Cello IV**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- MVS 3433 and competence determined by faculty jury.

Course Description

Intensive advanced performance study of the cello, for performance majors.

College

College of Arts and Humanities

Department

Department of Music

MVS4444 - Bass IV**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- MVS 3434 and competence determined by faculty jury.

Course Description

Intensive advanced performance study of the string bass, for performance majors.

College

College of Arts and Humanities

Department

Department of Music

MVS4445 - Harp IV**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- MVS 3435 and competence determined by faculty jury.

Course Description

Intensive advanced performance study of the harp, for performance majors.

College

College of Arts and Humanities

Department

Department of Music

MVV - Music: Applied-Voice

MVV1411 - Voice I**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Major in music or consent of chair; audition.

College

College of Arts and Humanities

Department

Department of Music

MVV1873 - Secondary Voice**Credits Hours**

1

Lab/Studio/Field Work Hours

1

Prerequisites

- Consent of Music Chair.

Corequisites

- Performing ensemble.

Course Description

Advanced instruction in voice. Intended for non-music majors.

College

College of Arts and Humanities

Department

Department of Music

MVV2421 - Voice II**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- MVV 1411 and competence determined by faculty jury.

Corequisites

- MUS 1250.

Course Description

Continuation of MVV 1411. Major in music or consent of chair; audition. Private and class lessons.

College

College of Arts and Humanities

Department

Department of Music

MVV3431 - Voice III**Credits Hours**

2 - 3

Lab/Studio/Field Work Hours

1

Prerequisites

- MVV 2421 and competence determined by faculty jury.

Course Description

Continued study of performance skills of the voice, with additional intensive work expected for performance majors.

College

College of Arts and Humanities

Department

Department of Music

MVV4441 - Voice IV**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- MVV 3431 and competence determined by faculty jury.

Course Description

Intensive advanced performance study of the voice, for performance majors.

College

College of Arts and Humanities

Department

Department of Music

MVV4640 - Voice Pedagogy**Credits Hours**

2

Lab/Studio/Field Work Hours

0

Prerequisites

- C.I.

Course Description

Vocal function, anatomy, and pedagogical methodology as applied to the voice teacher and performer.

College

College of Arts and Humanities

Department

Department of Music

MVW - Music: Applied-Woodwinds

MVW1211 - Secondary Flute
Credits Hours

1

Lab/Studio/Field Work Hours

1

Prerequisites

- Consent of Music Chair.

Corequisites

- Performing ensemble.

Course Description

Advanced instruction in flute. Intended for non-music majors.

College

College of Arts and Humanities

Department

Department of Music

MVW1212 - Secondary Oboe
Credits Hours

1

Lab/Studio/Field Work Hours

1

Prerequisites

- Consent of Music Chair.

Corequisites

- Performing ensemble.

Course Description

Advanced instruction in oboe. Intended for non-music majors.

College

College of Arts and Humanities

Department

Department of Music

MVW1213 - Secondary Clarinet
Credits Hours

1

Lab/Studio/Field Work Hours

1

Prerequisites

- Consent of Music Chair.

Corequisites

- Performing ensemble.

Course Description

Advanced instruction in clarinet. Intended for non-music majors.

College

College of Arts and Humanities

Department

Department of Music

MVW1214 - Secondary Bassoon
Credits Hours

1

Lab/Studio/Field Work Hours

1

Prerequisites

- Consent of Music Chair.

Corequisites

- Performing ensemble.

Course Description

Advanced instruction in bassoon. Intended for non-music majors.

College

College of Arts and Humanities

Department

Department of Music

MVW1215 - Secondary Saxophone
Credits Hours

1

Lab/Studio/Field Work Hours

1

Prerequisites

- Consent of Music Chair.

Corequisites

- Performing ensemble.

Course Description

Advanced instruction in saxophone. Intended for non-music majors.

College

College of Arts and Humanities

Department

Department of Music

MVW1411 - Flute I
Credits Hours

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Major in music or consent of chair; audition.

College

College of Arts and Humanities

Department

Department of Music

MVW1412 - Oboe I
Credits Hours

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Major in music or consent of chair; audition.

College

College of Arts and Humanities

Department

Department of Music

MVW1413 - Clarinet I**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Major in music or consent of chair; audition.

College

College of Arts and Humanities

Department

Department of Music

MVW1414 - Bassoon I**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Major in music or consent of chair; audition.

Current Fee Per Student

\$20.00

College

College of Arts and Humanities

Department

Department of Music

MVW1415 - Saxophone I**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Major in music or consent of chair; audition.

College

College of Arts and Humanities

Department

Department of Music

MVW2421 - Flute II**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- MVW 1411 and competence determined by faculty jury.

Course Description

Continuation of MVW 1411.

College

College of Arts and Humanities

Department

Department of Music

MVW2422 - Oboe II**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- MVW 1412 and competence determined by faculty jury.

Course Description

Continuation of MVW 1412.

College

College of Arts and Humanities

Department

Department of Music

MVW2423 - Clarinet II**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- MVW 1413 and competence determined by faculty jury.

Course Description

Continuation of MVW 1413.

College

College of Arts and Humanities

Department

Department of Music

MVW2424 - Bassoon II**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- MVW 1414 and competence determined by faculty jury.

Course Description

Continuation of MVW 1414.

Current Fee Per Student

\$20.00

College

College of Arts and Humanities

Department

Department of Music

MVW2425 - Saxophone II**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- MVW 1415 and competence determined by faculty jury.

Course Description

Continuation of MVW 1415.

College

College of Arts and Humanities

Department

Department of Music

MVW3431 - Flute III**Credits Hours**

2 - 3

Lab/Studio/Field Work Hours

1

Prerequisites

- MVW 2421 and competence determined by faculty jury.

Course Description

Continued study of performance skills of the flute, with additional intensive work expected for performance majors.

College

College of Arts and Humanities

Department

Department of Music

MVW3432 - Oboe III**Credits Hours**

2 - 3

Lab/Studio/Field Work Hours

1

Prerequisites

- MVW 2422 and competence determined by faculty jury.

Course Description

Continued study of performance skills of the oboe, with additional intensive work expected for performance majors.

College

College of Arts and Humanities

Department

Department of Music

MVW3433 - Clarinet III**Credits Hours**

2 - 3

Lab/Studio/Field Work Hours

1

Prerequisites

- MVW 2423 and competence determined by faculty jury.

Course Description

Continued study of performance skills of the clarinet, with additional intensive work expected for performance majors.

College

College of Arts and Humanities

Department

Department of Music

MVW3434 - Bassoon III**Credits Hours**

2 - 3

Lab/Studio/Field Work Hours

1

Prerequisites

- MVW 2424 and competence determined by faculty jury.

Course Description

Continued study of performance skills of the bassoon, with additional intensive work expected for performance majors.

College

College of Arts and Humanities

Department

Department of Music

MVW3435 - Saxophone III**Credits Hours**

2 - 3

Lab/Studio/Field Work Hours

1

Prerequisites

- MVW 2425 and competence determined by faculty jury.

Course Description

Continued study of performance skills of the saxophone, with additional intensive work expected for performance majors.

College

College of Arts and Humanities

Department

Department of Music

MVW4441 - Flute IV**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- MVW 3431 and competence determined by faculty jury.

Course Description

Intensive advanced performance study of the flute, for performance majors.

College

College of Arts and Humanities

Department

Department of Music

MVW4442 - Oboe IV**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- MVW 3432 and competence determined by faculty jury.

Course Description

Intensive advanced performance study of the oboe, for performance majors.

College

College of Arts and Humanities

Department

Department of Music

MVW4443 - Clarinet IV**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- MVW 3433 and competence determined by faculty jury.

Course Description

Intensive performance study of the clarinet, for performance majors.

College

College of Arts and Humanities

Department

Department of Music

MVW4444 - Bassoon IV**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- MVW 3434 and competence determined by faculty jury.

Course Description

Intensive advanced performance study of the bassoon, for performance majors.

College

College of Arts and Humanities

Department

Department of Music

MVW4445 - Saxophone IV**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- MVW 3435 and competence determined by faculty jury.

Course Description

Intensive advanced performance study of the saxophone, for performance majors.

College

College of Arts and Humanities

Department

Department of Music

NSP - Nursing: Special

NSP1800 - Nursing as a Profession**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Professional nursing roles in contemporary society covering a range of topics using discourse methodology that forms a foundation for nursing and health care.

College

College of Nursing

Department

Department of Nursing Practice

NSP4148C - Healthcare Simulation: An Interdisciplinary Simulation Experience
Credits Hours

3

Lab/Studio/Field Work Hours

3

Prerequisites

- Sophomore standing, ENC 1101 and C.I.

Course Description

Healthcare simulation and value in exploring healthcare disparities, social determinants of health, illness prevention, wellness promotion, laws/policies and interventions for healthy population and community.

College

College of Nursing

Department

Department of Nursing Practice

NSP4335 - Nursing Care of the High-Risk Newborn
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to BSN program; successful completion of NUR 3445 & NUR 3445L, or C.I. for RN-BSN students.

Course Description

In depth study of pathophysiology, management and nursing care of high risk newborn, emphasizing care of the neonate and factors contributing to outcomes related to morbidity and mortality.

College

College of Nursing

Department

Department of Nursing Practice

NSP4425 - Women's Health Issues**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing or C.I.

Course Description

Factors and conditions impacting the health of women.

College

College of Nursing

Department

Department of Nursing Systems

NSP4495 - Emergency Department Nursing**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Completion of both the pharmacology and pathophysiology components of the student's current nursing program curriculum, and NUR 3225 or RN License/Eligibility or C.I.

Course Description

An overview of Emergency Department Nursing. Topics include scopes of practice, laws, economics, nursing care and management of emergent physiologic conditions in the emergency department setting.

College

College of Nursing

Department

Department of Nursing Practice

NSP4550 - Family and Interpersonal Violence: Perspectives for Nurses**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to a BSN program or C.I.

Course Description

Family and interpersonal violence education to increase effective nursing responses including: history, categories, cycles, laws, intervention, nursing resources, protocols and resources.

College

College of Nursing

Department

Department of Nursing Systems

NSP4685 - Death & Dying: Nursing Considerations**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to BSN Program or C.I.

Course Description

An in-depth look at issues encountered in nursing practice related to the process of death, dying, and end of life.

College

College of Nursing

Department

Department of Nursing Practice

NSP4695 - Forensic Nursing Principles and Practice
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to BSN program or C.I.

Course Description

Forensic Nursing principles and practices applied to a variety of settings; an examination of the scope of practice of forensic nursing.

College

College of Nursing

Department

Department of Nursing Practice

NUR - Nursing

NUR3028 - Essentials of Nursing Practice
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to BSN program.

Corequisites

- NUR 3028L; NUR 3065 and NUR 3065L.

Course Description

Apply nursing process and core scientific principles to technical psychomotor nursing skills. Integrate evidence-based principles and nursing process to clients in long-term care.

College

College of Nursing

Department

Department of Nursing Practice

NUR3028L - Essentials of Nursing Practice Lab
Credits Hours

1

Lab/Studio/Field Work Hours

2

Prerequisites

- Admission to BSN program.

Corequisites

- NUR 3028; NUR 3065 and NUR 3065L.

Course Description

Lab to learn and apply scientific and evidence-based principles as they relate to technical psychomotor nursing skills.

Current Fee Per Student

\$30.00

College

College of Nursing

Department

Department of Nursing Practice

NUR3065 - Health Assessment

Credits Hours

2

Lab/Studio/Field Work Hours

0

Course Description

Concepts of health assessment of clients.

College

College of Nursing

Department

Department of Nursing Practice

NUR3065L - Health Assessment Lab
Credits Hours

1

Lab/Studio/Field Work Hours

1

Corequisites

- NUR 3065 and Admission to BSN program, or C.I.

Course Description

Clinical application of concepts and techniques of health assessment of clients

Current Fee Per Student

\$16.00

College

College of Nursing

Department

Department of Nursing Practice

NUR3125 - Pathophysiology for Nursing Practice
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to BSN program.

Course Description

Concepts and nursing care applications of the pathophysiological basis of illness.

College

College of Nursing

Department

Department of Nursing Practice

NUR3145 - Pharmacology for Nursing Practice**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to BSN program.

Corequisites

- NUR 3225 and NUR 3225L

Course Description

Principles of pharmacology and application to nursing practice.

College

College of Nursing

Department

Department of Nursing Practice

NUR3165 - Nursing Research**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to BSN program and successful completion of first semester or C.I.

Course Description

Nursing research as a basis for nursing practice. Selected experiences in reviewing, analyzing, and interpreting nursing research for nursing practice.

College

College of Nursing

Department

Department of Nursing Systems

NUR3165H - Honors Nursing Research**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Permission of honors Admission to BSN program and successful completion of first semester or C.I.

Course Description

Nursing research as a basis for nursing practice. Selected experiences in reviewing, analyzing, and interpreting research for nursing practice. With Honors content.

College

College of Nursing

Department

Department of Nursing Systems

NUR3167 - Accelerated Nursing Research Seminar**Credits Hours**

1

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to BSN program; previous undergraduate or graduate research course with approval from the CON; or C.I.

Course Description

Accelerated study of systematic approaches to problematic situations in nursing. Selected experiences in investigating, analyzing, and interpreting nursing research and nursing issues.

College

College of Nursing

Department

Department of Nursing Systems

NUR3225 - Nursing Care of the Adult I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to BSN program, successful completion of the first semester in the nursing curriculum, and concurrent enrollment in NUR 3225L; NUR 3145; NUR 3445; NUR 3445L.

Course Description

Integrate biopsychosocial models of nursing practice for individuals and families experiencing health risks, short-term illness or chronic health problems.

College

College of Nursing

Department

Department of Nursing Practice

NUR3225L - Nursing Care of the Adult I: Clinical Practice:**Credits Hours**

2

Lab/Studio/Field Work Hours

6

Prerequisites

- Admission to BSN program; successful completion of all courses in the first semester of the nursing curriculum, and concurrent enrollment in NUR 3225; NUR 3445; NUR 3445L.

Course Description

Clinical experience applying biopsychosocial models of nursing practice for clients experiencing health risks, short-term illness, or chronic health problems.

Current Fee Per Student

\$40.00

College

College of Nursing

Department

Department of Nursing Practice

NUR3445 - Nursing Care of Families**Credits Hours**

4

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to BSN program, successful completion of the first semester in the nursing curriculum, and concurrent enrollment in NUR 3225 NUR 3225L; NUR 3145; NUR 3445L.

Course Description

Concepts of family nursing as they relate to health promotion, maintenance and illness management for childbearing and childbearing families.

College

College of Nursing

Department

Department of Nursing Practice

NUR3445L - Nursing Care of Families Clinical**Credits Hours**

2

Lab/Studio/Field Work Hours

6

Prerequisites

- Admission to BSN program, successful completion of the first semester in the nursing curriculum, and concurrent enrollment in NUR 3225; NUR 3225L; NUR 3145; NUR 3445L.

Course Description

Nursing practice to address health promotion, maintenance and illness management needs of childbearing and childbearing families.

Current Fee Per Student

\$20.00

College

College of Nursing

Department

Department of Nursing Practice

NUR3616 - Health Promotion Across the Lifespan
Credits Hours

2

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to BSN program and

Corequisites

- NUR 3616L.

Course Description

The concepts of health promotion and prevention for individuals and families living in the community across the lifespan.

College

College of Nursing

Department

Department of Nursing

NUR3616L - Health Promotion Across the Lifespan Clinical
Credits Hours

1

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to BSN program and

Corequisites

- NUR 3616.

Course Description

Clinical concepts of community health nursing focusing on community as client and levels of prevention across the lifespan.

College

College of Nursing

Department

Department of Nursing Practice

NUR3634 - Community Health Nursing
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to BSN program.

Corequisites

- NUR 3634L.

Course Description

Concepts of community health nursing focusing on community as client and levels of prevention across the lifespan.

College

College of Nursing

Department

Department of Nursing Practice

NUR3634L - Community Health Nursing Clinical
Credits Hours

2

Lab/Studio/Field Work Hours

6

Prerequisites

- Admission to BSN program.

Corequisites

- NUR 3634.

Course Description

Clinical concepts of community health nursing focusing on community as client, and levels of prevention across the lifespan.

Current Fee Per Student

\$55.00

College

College of Nursing

Department

Department of Nursing Practice

NUR3755L - Essentials of Nursing Practice Clinical
Credits Hours

2

Lab/Studio/Field Work Hours

6

Prerequisites

- Admission to BSN Program.

Corequisites

- NUR 3028 and NUR 3028L; NUR 3065 and NUR 3065L.

Course Description

Application of the nursing process, scientific and evidence-based principles in the nursing care of clients in long-term care.

Current Fee Per Student

\$20.00

College

College of Nursing

Department

Department of Nursing Practice

NUR3795 - Principles of Oncology Nursing

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to BSN program or C.I.

Course Description

Basic principles and concepts in oncology. Focus on cancer as it affects individuals and families. Emphasis on cancer treatment, symptoms management and psychosocial response.

College

College of Nursing

Department

Department of Nursing Practice

NUR3805 - Dimensions of Professional Nursing Practice
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to BSN program or C.I.

Course Description

Theoretical bases of professional nursing practice for RN to BSN students.

College

College of Nursing

Department

Department of Nursing Systems

NUR3806 - Professional Socialization Seminar
Credits Hours

1

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to BSN program or C.I.

Course Description

Application of library utilization and professional writing skills, critical thinking and stress management principles to the beginning role of the professional nurse.

College

College of Nursing

Department

Department of Nursing Systems

NUR3816 - Professional Nurse Seminar**Credits Hours**

1

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the BSN program.

Corequisites

- NUR 3225.

Course Description

The role and function of the professional nurse including professional standards, ethics, and legal and practice issues.

College

College of Nursing

Department

Department of Nursing Practice

NUR3825 - The Role of the Professional Nurse**Credits Hours**

2

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to BSN program.

Course Description

Examination of the role and function of the professional nurse, including professional standards, legal and practice issues.

College

College of Nursing

Department

Department of Nursing Practice

NUR3825H - Honors The Role of the Professional Nurse
Credits Hours

2

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to BSN program. Permission of honors.

Course Description

Role and function of the professional nurse, including professional standards, legal, and practice issues with honors content.

College

College of Nursing

Department

Department of Nursing

NUR3826 - Bioethics in Nursing
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PSY 2012, SYG 2000, or PHI 2010, or C.I.

Course Description

An examination of human values and bioethical questions arising in health care as they relate to nursing.

College

College of Nursing

Department

Department of Nursing Systems

NUR3826H - Honors Bioethical and Legal Issues in Health Care**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Permission of Honors.

Course Description

Includes questions concerning human values, legal and ethical questions arising in health care delivery policy issues and professional practice among licensed health care professionals.

College

College of Nursing

Department

Department of Nursing Systems

NUR3936 - International Perspectives of Nursing and Health Care**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- Admission to BSN program or C.I.

Course Description

Comparative analysis of professional nursing practice and health care systems in the United States and selected countries.

College

College of Nursing

Department

Department of Nursing

NUR4177 - Holistic Nursing**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to BSN program or C.I.

Course Description

Explore lived experience of health-wellness, illness/disease focusing on mind-body-spirit, transpersonal healing and complementary interventions to maximize nursing care outcomes.

College

College of Nursing

Department

Department of Nursing Practice

NUR4178 - Complementary Therapies: Options for Integrative Nursing Practice**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior or senior undergraduate standing in nursing, or C.I.

Course Description

History, principles, techniques, outcomes, and research of complementary and integrative health. Concepts of wellness, healing and integrative practice from nursing and consumer perspectives.

College

College of Nursing

Department

Department of Nursing Practice

NUR4197 - Genetics and Genomics in Nursing Practice**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to BSN program or C.I.

Course Description

The application of genetics and genomic principles to clinical nursing practice.

College

College of Nursing

Department

Department of Nursing Practice

NUR4227 - Nursing Care of the Adult II**Credits Hours**

4

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the BSN program, successful completion of the first two semesters in the nursing curriculum.

Corequisites

- NUR 4227L, or C.I.

Course Description

Nursing care of clients and their families experiencing acute, unstable, or life-threatening health problems.

College

College of Nursing

Department

Department of Nursing Practice

NUR4227L - Nursing Care of the Adult II: Clinical Practice
Credits Hours

3

Lab/Studio/Field Work Hours

3

Prerequisites

- Admission to BSN program; successful completion of the first three semesters in the nursing curriculum.

Corequisites

- NUR 4227, or C.I.

Course Description

Clinical practice in acute health care settings with clients experiencing acute, unstable, surgical, or life-threatening health conditions.

College

College of Nursing

Department

Department of Nursing Practice

NUR4257 - Introduction to Critical Care Nursing
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to BSN program and successful completion of NUR 4227 and NUR 4227L or C.I.

Course Description

Theories and principles of comprehensive nursing care of individuals and families in critical care settings.

College

College of Nursing

Department

Department of Nursing Practice

NUR4286 - Gerontologic Nursing**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to BSN program or C.I.

Course Description

Theories and principles related to the promotion, maintenance, and restoration of health in older adults in various settings.

College

College of Nursing

Department

Department of Nursing Practice

NUR4340 - Obesity in Children and Adolescents: Nursing Management**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to BSN program or C.I.

Course Description

Examines multiple factors that predispose children and adolescents to obesity; explores nursing management and public health and policy strategies for prevention and treatment.

College

College of Nursing

Department

Department of Nursing Practice

NUR4493 - Perinatal Loss and Grief: Nursing Interventions**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to BSN Program or C.I.

Course Description

Nursing interventions for individuals and families experiencing perinatal loss and grief.

College

College of Nursing

Department

Department of Nursing Practice

NUR4516 - Crisis Intervention**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Completion of PSY 2012, SYG 2000 or ANT 2000.

Course Description

Crisis theory and techniques; recognition and intervention in crisis events. Applicable to all areas of nursing and all helping professions.

College

College of Nursing

Department

Department of Nursing Practice

NUR4535 - Psychiatric Mental Health Nursing
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to BSN program.

Corequisites

- NUR 4535L.

Course Description

Nursing in the promotion of mental health and the prevention, treatment, and rehabilitation of mental illness.

College

College of Nursing

Department

Department of Nursing Practice

NUR4535L - Psychiatric Mental Health Clinical
Credits Hours

2

Lab/Studio/Field Work Hours

6

Prerequisites

- Admission to BSN program.

Corequisites

- NUR 4535.

Course Description

Clinical Application of Nursing interventions in the promotion of mental health and the prevention, treatment and rehabilitation of mental illness.

College

College of Nursing

Department

Department of Nursing Practice

NUR4604L - Practicum in Community and Public Health Nursing for RNs**Credits Hours**

4

Lab/Studio/Field Work Hours

12

Prerequisites

- Admission to BSN program.

Course Description

Synthesis of theories and concepts incorporated throughout the curriculum, applied in the community health and public health nursing setting, and directed toward professional role development.

College

College of Nursing

Department

Department of Nursing Systems

NUR4637 - Public and Community Health Nursing**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the BSN program.

Course Description

Concepts of public health nursing focusing on population-based health care delivery systems.

College

College of Nursing

Department

Department of Nursing Practice

NUR4637L - Public Health Nursing Clinical
Credits Hours

1

Lab/Studio/Field Work Hours

3

Prerequisites

- Admission to the BSN program.

Corequisites

- NUR 4637.

Course Description

Clinical Course to apply concepts of public health nursing. Students will apply findings of community assessment completed in NUR 4637 - Public and Community Health Nursing.

College

College of Nursing

Department

Department of Nursing Practice

NUR4675 - Issues in Rural Health Care
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to BSN program or C.I.

Course Description

The rural environment and appropriate health care services and programs for rural populations.

College

College of Nursing

Department

Department of Nursing Practice

NUR4760 - Principles of Pain Management**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to BSN program or C.I.

Course Description

Principles of pain and pain management across the lifespan from neonates to the elderly, including practices across healthcare settings, from acute care to home care.

College

College of Nursing

Department

Department of Nursing Practice

NUR4765 - Rehabilitation Nursing: Principles and Practice**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to BSN program or C.I.

Course Description

Rehabilitation principles are the practices that may be incorporated into any healthcare setting and applied to clients of all age groups.

College

College of Nursing

Department

Department of Nursing Practice

NUR4828 - Nursing Leadership, Management and Role Transition**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to BSN program or C.I.

Course Description

Professional development and role transition of baccalaureate graduates entering professional nursing practice focusing on principles of leadership and management applied to health care settings.

College

College of Nursing

Department

Department of Nursing Systems

NUR4828H - Honors Leadership, Management and Role Transition**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the BSN program; admission to the Honors or Honors in the major program or C.I.

Course Description

Application of leadership and management principles to the beginning role of the professional nurse with honors content.

College

College of Nursing

Department

Department of Nursing Systems

NUR4829 - Accelerated Transitioning into Professional Practice as a Leader**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to BSN program.

Corequisites

- NUR 4945L or C.I.

Course Description

Application of leadership and management principles to the beginning role of the professional nurse.

College

College of Nursing

Department

Department of Nursing Systems

NUR4837 - Health Care Issues, Policy, and Economics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to BSN program or C.I.

Course Description

Study of selected health care policy issues relevant to the financing, organization, and delivery of nursing services to populations in the community

College

College of Nursing

Department

Department of Nursing Systems

NUR4837H - Honors Health Care Issues, Policy, and Economics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Permission of Honors; Admission to BSN program; or C.I.

Course Description

Study of selected health care policy issues relevant to the financing, organization, and delivery of nursing services to populations in the community with honors content.

College

College of Nursing

Department

Department of Nursing Systems

NUR4903H - Honors Directed Readings I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: Permission of Honors and admission to major.

Course Description

The student will review and synthesize literature on a selected topic in preparation for the Honors Thesis or Project. Graded S/U or Letter grade.

College

College of Nursing

Department

Department of Nursing Systems

NUR4906 - Independent Study
Credits Hours

1 - 99

Lab/Studio/Field Work Hours

Jan-99

Course Description

Directed Study.

College

College of Nursing

Department

Department of Nursing Systems

NUR4942L - Nursing Practicum for International Students
Credits Hours

3

Lab/Studio/Field Work Hours

3

Prerequisites

- C.I.

Course Description

In-depth study of clinical nursing practice for international students.

College

College of Nursing

Department

Department of Nursing Practice

NUR4945L - Nursing Practicum**Credits Hours**

4

Lab/Studio/Field Work Hours

4

Prerequisites

- Admission to the BSN program and successful completion of all previous clinical courses on plan of study; or C.I.

Course Description

Designed to enhance student's knowledge and expertise in an area of nursing practice chosen by the student and school of nursing faculty.

College

College of Nursing

Department

Department of Nursing Practice

NUR4970H - Honors Thesis I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: Permission of Honors and admission to major. NUR 4903H

Course Description

Student will work closely with his or her thesis chair to develop the Honors in the Major thesis. Graded S/U or Letter grade.

College

College of Nursing

Department

Department of Nursing Systems

NUR4971H - Honors Thesis or Project Works
Credits Hours

1 - 3

Lab/Studio/Field Work Hours

0

Prerequisites

- Permission of Honors.

Course Description

Faculty mentoring through the process of writing and defending the Honors Thesis or Project.

College

College of Nursing

Department

Department of Nursing Systems

OCE - Oceanography

OCE3008 - Oceanography
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- CHM 2045C and CHM 2046, and a "C" (2.0) or better in BSC 2010C.

Course Description

Biological, physical and chemical oceanography.

College

College of Sciences

Department

Department of Biology

OSE - Optical Sciences

OSE3043 - Analytical Methods for Optics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: MAP 2302

Course Description

Applications-oriented course on analytical concepts prevalent in optics and engineering integrating Matlab as a computational support tool.

College

College of Optics and Photonics

Department

College of Optics and Photonics

OSE3052 - Foundations of Photonics**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- Grades of "C" (2.0) or better in PHY 2049C and MAP 2302.

Course Description

Introduction to wave and photon models of light. Polarization and coherence. Interference and diffraction of light. Interferometers and spectrometers,

College

College of Optics and Photonics

Department

College of Optics and Photonics

OSE3052L - Foundations of Photonics Laboratory**Credits Hours**

1

Lab/Studio/Field Work Hours

3

Prerequisites

- MAP 2302

Prerequisites/Corequisites

- OSE 3052

Course Description

The laboratory experiments covering fundamental photonics principles related to light sources, dispersion of light, interference and diffraction of light, and other optical phenomena.

Current Fee Per Student

\$15.00

College

College of Optics and Photonics

Department

College of Optics and Photonics

OSE3053 - Electromagnetic Waves for Photonics**Credits Hours**

3

Prerequisites

- C (2.0 GPA) or higher in OSE 3052

Course Description

Electromagnetic theory of light. Fresnel reflection and refraction. Polarization and crystal optics. Metallic and dielectric waveguides.

College

College of Optics and Photonics

Department

College of Optics and Photonics

OSE3200 - Geometric Optics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHY 2049C

Course Description

Fundamentals of geometrical optics. Geometrical theory of image formation. Chromatic and monochromatic aberrations. Optical systems.

College

College of Optics and Photonics

Department

College of Optics and Photonics

OSE3200L - Geometric Optics Lab**Credits Hours**

1

Lab/Studio/Field Work Hours

3

Prerequisites/Corequisites

- OSE 3200

Course Description

Light as rays. Reflection, refraction, transmission. Lenses, mirrors, prisms. Image formation, beam manipulation. Measure and characterize optical systems including telescopes, cameras, and microscopes.

College

College of Optics and Photonics

Department

College of Optics and Photonics

OSE3490 - Nanophotonics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- PHY 2049C or C.I.

Course Description

Optical/photonic processes on nano scale and interactions with elements of physics & engineering.

College

College of Optics and Photonics

Department

College of Optics and Photonics

OSE4240 - Introduction to Optical Design**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- OSE3200 and OSE 3052 .

Course Description

Introduction of the main concepts in optical system design. Discussion on aberration theory. Analysis of the performance of the optical system. Assessment of image quality using optical design software.

College

College of Optics and Photonics

Department

College of Optics and Photonics

OSE4410 - Optoelectronics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- OSE 3052 with C (2.0) grade or higher or (PHY 3722C and PHZ 4404)

Prerequisites/Corequisites

- EEE 3350

Course Description

Introduction to the principles and design of semiconductor optoelectronic devices including photodiodes, solar cells, light-emitting diodes, laser diodes, and CCDs. Applications include photovoltaics, displays, imaging.

College

College of Optics and Photonics

Department

College of Optics and Photonics

OSE4410L - Optoelectronics Laboratory**Credits Hours**

1

Lab/Studio/Field Work Hours

3

Prerequisites/Corequisites

- OSE 4410.

Course Description

Experiments in the basics of semiconductor optoelectronic devices including photodiodes, light-emitting diodes, laser diodes, CCDs. Applications include solar cells, displays, photodetection, and optical communications.

Current Fee Per Student

\$18.00

College

College of Optics and Photonics

Department

College of Optics and Photonics

OSE4470 - Fiber-Optic Communications**Credits Hours**

3

Prerequisites

- EEL 3552C and "C" (2.0 GPA) or higher in OSE 3052

Course Description

Introduction to the principles and design of fiber-optic communication systems including the integrated-optic and optoelectronic devices used in transmitters and receivers.

College

College of Optics and Photonics

Department

College of Optics and Photonics

OSE4470L - Fiber-Optic Communications Laboratory**Credits Hours**

1

Lab/Studio/Field Work Hours

3

Prerequisites/Corequisites

- OSE 4470.

Course Description

Laboratory experiments covering the optical fiber as a communication channel, couplers, transmitters and receivers using optoelectronic devices, multiplexing, and overall systems performance.

Current Fee Per Student

\$16.00

College

College of Optics and Photonics

Department

College of Optics and Photonics

OSE4520 - Laser Engineering**Credits Hours**

3

Prerequisites

- PHY 4424 or EEL 4440C or "C" (2.0 GPA) or higher in OSE 3052

Course Description

The photon nature of light. Absorption and spontaneous and stimulated emission of light. Fluorescence. Optical amplifiers. Optical resonators. Lasers. Pulsed lasers. Nonlinear optical wave conversion.

College

College of Optics and Photonics

Department

College of Optics and Photonics

OSE4520L - Laser Engineering Laboratory**Credits Hours**

1

Lab/Studio/Field Work Hours

3

Prerequisites/Corequisites

- OSE 4520.

Course Description

Experiments highlighting basic laser phenomena. Absorption, spontaneous and stimulated emission. Fluorescence. Optical amplifiers. Optical resonators. Lasers. Continuous wave and pulsed lasers. Nonlinear optical wave conversion.

Current Fee Per Student

\$15.00

College

College of Optics and Photonics

Department

College of Optics and Photonics

OSE4721 - Biophotonics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- OSE 3052 or PHY 4424 or EEL 4440

Course Description

This course is an introduction to photobiology (interaction of light with biological matter), tissue optics, light-induced cellular processes, optical biosensors, and cellular and molecular imaging.

College

College of Optics and Photonics

Department

College of Optics and Photonics

OSE4830 - Imaging and Display**Credits Hours**

3

Prerequisites

- EEL 3123C, and "C" (2.0 GPA) or higher in OSE 3052.

Course Description

Mathematical and physical models of two- and threedimensional imaging systems including gazing, scanning, interferometric, tomographic, and hyperspectral systems. Applications to remote sensing, biology, and medicine.

College

College of Optics and Photonics

Department

College of Optics and Photonics

OSE4830L - Imaging and Display Laboratory
Credits Hours

1

Lab/Studio/Field Work Hours

3

Prerequisites/Corequisites

- OSE 4830.

Course Description

Experiments introducing imaging systems. Image acquisition and analysis. Resolution and contrast. Fourier transform, filtering and diffraction. Interferometric metrology. Spectroscopy and spectral imaging. Liquid crystal displays.

Current Fee Per Student

\$14.00

College

College of Optics and Photonics

Department

College of Optics and Photonics

OSE4912 - Directed Independent Research
Credits Hours

0 - 99

Lab/Studio/Field Work Hours

1

Prerequisites

- PR: Instructor Consent

Course Description

Introduction to research methods in optics and photonics. Available for students who wish to conduct related research with faculty in CREOL.

College

College of Optics and Photonics

Department

College of Optics and Photonics

OSE4930 - Frontiers of Optics and Photonics**Credits Hours**

3

Prerequisites

- "C" grade (2.0 gpa) or higher in OSE 3052 or passing grade in PHY 4424 or EEL 4440C, Senior Standing.

Course Description

Introduction to recent advances in optics & photonics, to ethical issues, and to effective communication appropriate to the field of optics & photonics.

College

College of Optics and Photonics

Department

College of Optics and Photonics

OSE4951 - Senior Design I**Credits Hours**

3

Prerequisites

- OSE 3200, OSE 3053, OSE 4410, EEL 3307C, and "C" (2.0 GPA) or higher in OSE 3052. Department Consent.

Prerequisites/Corequisites

- OSE 4520 and OSE 4470

Course Description

Development of the technical, communication, and team skills for successful design of optical and photonic systems. Preparation of project proposals for Senior Design II.

College

College of Optics and Photonics

Department

College of Optics and Photonics

OSE4952 - Senior Design II
Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites

- OSE 4951.

Course Description

Execution of project developed in OSE 4951, including complete project design review, prototyping, construction, testing, cost, functionality, demonstration, presentation, and reporting. Emphasis on team effort.

College

College of Optics and Photonics

Department

College of Optics and Photonics

OSE4953 - Senior Design Double Major ECE
Credits Hours

1

Lab/Studio/Field Work Hours

0

Prerequisites

- OSE 4410, OSE3053, and Departmental approval

Corequisites

- EEL 4914C

Prerequisites/Corequisites

- OSE 4520, OSE 4470

Course Description

Development of the technical, communication, and team skills for successful design of optical and photonic systems. Preparation of project proposals for Senior Design II.

College

College of Optics and Photonics

Department

College of Optics and Photonics

PAD - Public Administration

PAD2007 - Introduction to Leadership and Public Service: A Central Florida Experience
Credits Hours

3

Lab/Studio/Field Work Hours

3

Prerequisites

- ENC 1101 or Consent of Instructor

Course Description

Theoretical approaches to leadership that can be applied to a variety of careers focusing on public service in Central Florida and the downtown Orlando community.

College

College of Community Innovation and Education

Department

School of Public Administration

PAD3003 - Public Administration in American Society
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Prerequisites/Corequisites

- C- or better in POS 2041; and Public Administration major or Public Administration minor or Leadership Studies minor or Performing Arts Administration minor; and Sophomore standing; or C.I.

Course Description

An examination of the basic environment, culture, and organization of public administration in the United States.

College

College of Community Innovation and Education

Department

School of Public Administration

PAD3040 - Ethics and Values in Public Administration**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Junior standing; and Public Administration major or declared Leadership Studies Certificate or declared Leadership Studies minor; or C.I.

Course Description

Ethical dimensions of public administration. Develops the awareness, skills, and value framework to act ethically.

College

College of Community Innovation and Education

Department

School of Public Administration

PAD3330 - Urban and Regional Planning**Credits Hours**

3

Prerequisites/Corequisites

- Junior standing; and Urban and Regional Planning minor, or Interdisciplinary Studies Environmental Studies Track major, or Environmental Studies minor; or C.I.

Course Description

Planning topics such as landuse, and comprehensive and urban planning as they relate to the physical aspects of the natural and human environment.

College

College of Community Innovation and Education

Department

School of Public Administration

PAD3733 - Professional Administrative Writing in the Public Sector**Credits Hours**

3

Prerequisites/Corequisites

- C- or better in ENC 1102; Sophomore standing, Public Administration major, or Nonprofit Management Major, or Emergency Management Major, or C.I.

Course Description

Professional and technical writing for the field of public administration.

College

College of Community Innovation and Education

Department

School of Public Administration

PAD4034 - The Administration of Public Policy**Credits Hours**

3

Prerequisites

- ENC 1102

Prerequisites/Corequisites

- Junior standing, and either a Public Administration major or Public Administration minor with a "C-" or better in PAD 3003, or C.I.

Course Description

Problems of values, interests, and objectives and their impact on the administration of public programs, stressing the interplay between social values, policies and administration.

College

College of Community Innovation and Education

Department

School of Public Administration

PAD4104 - Administrative Theory**Credits Hours**

3

Prerequisites/Corequisites

- C- or better in ENC 1102, Junior standing, and either a Public Administration major, or Public Administration minor, or Nonprofit Management major, or Nonprofit Management Minor, or Emergency Management Major, or Leadership Studies minor or certificate, Applied Science, A.S. to B.A.S. or C.I.

Course Description

A review of the behavioral aspects of the administrative process, its impact on organizational goal achievement and on supervisory strategies. Some social and structural pathologies affecting administrative practice.

College

College of Community Innovation and Education

Department

School of Public Administration

PAD4131 - Public Sector Project Management**Credits Hours**

3

Prerequisites/Corequisites

- Junior Standing.

Course Description

Various approaches to managing projects, including using scheduling techniques such as GANTT, CPM, and PERT, as well as team building, facilitating, and leadership skills.

College

College of Community Innovation and Education

Department

School of Public Administration

PAD4144 - Nonprofit Organizations**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- C- or better in ENC 1102

Prerequisites/Corequisites

- Junior standing and declared Nonprofit Major or Minor, or Performing Arts Management minor, or C.I.

Course Description

The operations of nonprofit organizations, including working with board of directors, volunteer services, fund-raising and grantsmanship, financial management and marketing.

College

College of Community Innovation and Education

Department

School of Public Administration

PAD4147 - Resource Development in the Nonprofit Sector**Credits Hours**

3

Prerequisites

- C- or better in ENC 1102

Prerequisites/Corequisites

- Junior standing, and Nonprofit Management major or Nonprofit Management minor, or Performing Arts Administration minor, or C.I.

Course Description

Examination of the development and management of human resources and financial resource development in nonprofit organizations is discussed.

College

College of Community Innovation and Education

Department

School of Public Administration

PAD4148 - Volunteer Management
Credits Hours

3

Prerequisites

- C- or better in ENC 1102

Prerequisites/Corequisites

- Junior standing, and Nonprofit Management major or Nonprofit Management minor, or Performing Arts Administration minor, or C.I.

Course Description

Examination of recruitment, selection, training and management of volunteers in nonprofit organizations and the application of management theory.

College

College of Community Innovation and Education

Department

School of Public Administration

PAD4153 - Planning and Improvement for Public Organizations
Credits Hours

3

Prerequisites/Corequisites

- Junior standing and Nonprofit Management Major, or Nonprofit Management minor or certificate, or C.I.

Course Description

Prepare future leaders for the changing paradigms of the public sector by providing education in a variety of quality related areas.

College

College of Community Innovation and Education

Department

School of Public Administration

PAD4204 - Fiscal Management
Credits Hours

3

Prerequisites/Corequisites

- "C-" or better in ENC 1102, Junior standing, and either a Public Administration major, or Public Administration minor, or Nonprofit Management major, or Nonprofit Management minor, or Emergency Management major, or C.I.

Course Description

Analysis of methods of securing public funds, the process of budget making, and techniques of management used in managing public funds.

College

College of Community Innovation and Education

Department

School of Public Administration

PAD4223 - Public Budgeting: Skills and Techniques
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- PAD 4204 or C.I.

Course Description

Analytical skills and administrative techniques employed by public budget analysis, focusing on the process of generating and using information.

College

College of Community Innovation and Education

Department

School of Public Administration

PAD4253 - Community & Economic Development
Credits Hours

3

Prerequisites/Corequisites

- Emergency Management Major, or Non Profit minor, or Urban Regional Planning minor, and Junior standing, or C.I.

Course Description

This course will examine local and regional economic development strategies, with an emphasis on effective policy setting and planning.

College

College of Community Innovation and Education

Department

School of Public Administration

PAD4325 - Program Evaluation for Public and Nonprofit Organizations
Credits Hours

3

Prerequisites

- C- or better in ENC 1102

Prerequisites/Corequisites

- Junior standing and (declared nonprofit minor or declared Nonprofit Management major) or C.I.

Course Description

To develop an understanding of program evaluation and to apply the process by developing a program evaluation for a program.

College

College of Community Innovation and Education

Department

School of Public Administration

PAD4331 - Land Use and Planning
Credits Hours

3

Prerequisites/Corequisites

- Junior standing and Urban and Regional Planning minor; or C.I.

Course Description

The study of land use and planning to include zoning variances, non-conformities, development agreements, subdivision controls, redevelopment and sprawl.

College

College of Community Innovation and Education

Department

School of Public Administration

PAD4334 - Urban Design
Credits Hours

3

Prerequisites/Corequisites

- Junior standing and Urban and Regional Planning minor, or C.I.

Course Description

Theories and concepts of the physical, cultural, social and financial factors associated with urban design.

College

College of Community Innovation and Education

Department

School of Public Administration

PAD4351 - Issues in Environmental Program Management
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Junior standing, and Urban and Regional Planning minor, or Interdisciplinary Studies Environmental Studies Track major, or Environmental Studies minor, or Energy and Sustainability minor, or Emergency Management Major, or C.I.

Course Description

The study of environmental policy making processes, programs, and problems through lectures, field study, and research projects.

College

College of Community Innovation and Education

Department

School of Public Administration

PAD4371 - Community Resiliency & Sustainability
Credits Hours

3

Prerequisites/Corequisites

- PAD 4390 and PAD 4392, and Junior Standing and declared Emergency Management Major or C.I.

Course Description

Issues of community resiliency & sustainability specific to emergency & crisis management. Includes coverage of public policy & management, urban planning & development, and community sociology.

College

College of Community Innovation and Education

Department

School of Public Administration

PAD4390 - Hazard Mitigation and Preparedness**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- C- or better in ENC 1102

Prerequisites/Corequisites

- Junior standing and Emergency Management Major, or Emergency Management and Homeland Security minor, or Urban and Regional Planning minor, or C.I.

Course Description

Specialized knowledge and skills necessary to develop a proactive hazard mitigation plan to reduce the effects of natural and technological disasters.

College

College of Community Innovation and Education

Department

School of Public Administration

PAD4392 - Emergency Management and Homeland Security**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- C- or better in ENC 1102

Prerequisites/Corequisites

- Junior standing and Emergency Management Major, or Emergency Management and Homeland Security minor, or Urban and Regional Planning minor, or C.I.

Course Description

After a public emergency, a variety of services must be provided to the victims. This course reviews and analyzes coordination and management of these services.

College

College of Community Innovation and Education

Department

School of Public Administration

PAD4395 - Disaster Response and Recovery
Credits Hours

3

Prerequisites

- C- or better in ENC 1102

Prerequisites/Corequisites

- Junior standing and Emergency Management major, or Emergency Management and Homeland Security minor, or Urban and Regional Planning minor, or C.I.

Course Description

Individual, group, organizations and community behavior and recovery from disasters. Service delivery strategies are highlighted and complex dynamics of the recovery process are emphasized.

College

College of Community Innovation and Education

Department

School of Public Administration

PAD4414 - Human Resource Administration
Credits Hours

3

Prerequisites/Corequisites

- Either a Public Administration major with a "C-" or better in PAD 3003, or Administration minor with a "C-" or better in PAD 3003, or C.I.

Course Description

The history, operating components, structural characteristics, and increasing impact of laws and related sanctions on personnel practices of public agencies.

College

College of Community Innovation and Education

Department

School of Public Administration

PAD4446 - Multiculturalism in Public Administration**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- C- or better in ENC 1102

Prerequisites/Corequisites

- CCIE major or minor, and Junior standing, or C.I.

Course Description

This course is designed to help public managers examine public and personal attitudes and values, ethical dilemmas, and social consequences related to issues of diversity.

College

College of Community Innovation and Education

Department

School of Public Administration

PAD4712 - Information Systems for Public Managers and Planners**Credits Hours**

3

Prerequisites

- C- or better in ENC 1102

Prerequisites/Corequisites

- Junior standing and Emergency Management major, or Emergency Management and Homeland Security minor or Urban and Regional Planning minor, or C.I.

Course Description

Knowledge and skills concerning information technologies important for planners and public managers, including use of GIS to manipulate and analyze spatial data.

College

College of Community Innovation and Education

Department

School of Public Administration

PAD4720 - Research Methods in Public Administration**Credits Hours**

3

Prerequisites

- C- or better in ENC 1102

Prerequisites/Corequisites

- Junior standing, and either a Public Administration major, or Public Administration minor, or Nonprofit Management major, or Emergency Management major, or C.I.

Course Description

Introduction to the concepts, design, methodology, computer applications, and data analysis in applied research in the public sector.

College

College of Community Innovation and Education

Department

School of Public Administration

PAD4803 - Issues in Urban Administration**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- C- or better in ENC 1102

Prerequisites/Corequisites

- Junior standing and Urban and Regional Planning minor, or C.I.

Course Description

To provide students with an understanding of public policy and administrative responses to socioeconomic problems within the urban context.

College

College of Community Innovation and Education

Department

School of Public Administration

PAD4822 - Intergovernmental Administration
Credits Hours

3

Prerequisites

- C- or better in ENC 1102

Prerequisites/Corequisites

- Junior standing and Public Administration major, or Public Administration minor, or Emergency Management major, or Emergency Management and Homeland Security minor or Urban and Regional Planning minor, or C.I.

Course Description

Various approaches to studying and explaining the American intergovernmental system. Emphasis on interorganizational activities, i.e., negotiation, cooperation, and coordination within the legal setting.

College

College of Community Innovation and Education

Department

School of Public Administration

PAD4886 - Capstone: Public Service Leadership
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: Public Administration major, Senior Standing, PAD 4034, PAD 4104, and PAD 4131

Course Description

Through this capstone experience, students will develop competencies as managerial leaders, learn about the major theoretical frameworks, and prepare themselves and others for public service.

College

College of Community Innovation and Education

Department

School of Public Administration

PAD4933H - Planning and Policy Perspectives on Everglades Restoration**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission into the Honors College for the first three years. C- or better in ENC 1102

Course Description

Ecosystem restoration program from planning, policy, and management perspective. Policy history of Central/South Florida Flood Control Project, development of Comprehensive Everglades Restoration Program.

College

College of Community Innovation and Education

Department

School of Public Administration

PAD4934 - Nonprofit Leadership Seminar**Credits Hours**

3

Prerequisites/Corequisites

- Declared Nonprofit Management major or minor, Junior standing, and minimum of "C-" in ENC 1102. Student must also have taken or be currently enrolled in PAD 4144.

Course Description

Discussion and activity based course exploring nonprofit competencies to prepare students for management and leadership positions in nonprofit organizations. Service learning activities included.

College

College of Community Innovation and Education

Department

School of Public Administration

PAD4941 - Public Administration Internship
Credits Hours

3 - 6

Lab/Studio/Field Work Hours

24-Dec

Prerequisites

- PAD 4942

Course Description

Public service organizations internship in public/nonprofit sectors (private sector on case by case basis). Demonstrate competencies in discipline through practical experiences and portfolio building project.

College

College of Community Innovation and Education

Department

School of Public Administration

PAD4942 - School of Public Administration Internship Orientation
Credits Hours

0

Lab/Studio/Field Work Hours

15

Prerequisites

- PAD 3733

Course Description

This course is designed to equip students with the tools they will need for a smooth transition into their chosen internship.

College

College of Community Innovation and Education

Department

School of Public Administration

PAF - Public Affairs

PAF2102 - Public Affairs Careers**Credits Hours**

2

Lab/Studio/Field Work Hours

0

Course Description

Introduction and examination of public affairs programs of study and career opportunities that will prepare students for future careers.

College

College of Community Innovation and Education

Department

School of Public Administration

PAF4754 - Interdisciplinary Leadership in Public Affairs**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Junior Standing and ENC 1101 or C.I.

Course Description

Global public affairs leadership in social and economic development, social justice, transnational and interdisciplinary partnerships, and social change.

College

College of Community Innovation and Education

Department

School of Public Administration

PAZ - Parks and Zoos

PAZ4234 - Zoo and Aquarium Management
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- A "C" (2.0) or better in both PCB 3044 and PCB 3063, or C.I.

Course Description

Conservation, propagation and exhibition of wild animals in captivity.

College

College of Sciences

Department

Department of Biology

PCB - Process Cell Biology

PCB3023 - Molecular Cell Biology
Credits Hours

3

Prerequisites

- (CHM 2210 or CHM 2205), and a "C" (2.0) or better in both BSC 2010C and PCB 3063, or C.I.

Course Description

Structure and function of eukaryotic cells from the molecular level to the different sub-cellular components, and the regulation of different biological processes

College

College of Sciences

Department

Department of Biology

PCB3044 - Principles of Ecology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- ((PR: CHM 2045 or CHM 2041) or CR: CHM 2041) and a "C" (2.0) or better in both BSC 2010C and BSC 2011C.

Course Description

Elements of ecosystems, biogeochemical cycling, environmental factor interactions, population dynamics, and community development.

College

College of Sciences

Department

Department of Biology

PCB3044H - Honors Principles of Ecology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Corequisites

- PCB 3044L (Honors version)

Prerequisites/Corequisites

- CHM 2045 or CHM 2041, and a 'C' (2.0) or better in BSC 2010C or BSC 2011C.

Course Description

Elements of ecosystem ecology, biogeochemical cycling, environmental and biotic interactions, population dynamics, and community change. With Honors content

College

College of Sciences

Department

Department of Biology

PCB3044L - Principles of Ecology Laboratory
Credits Hours

1

Prerequisites/Corequisites

- Complete all of the following
 - Complete the following:
 - PCB3044 - Principles of Ecology (3)
 - or C.I.

Course Description

Field and laboratory investigations of natural ecosystems, with emphasis on current methodology in ecology.

Current Fee Per Student

\$30.00

College

College of Sciences

Department

Department of Biology

PCB3063 - Genetics

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- CHM 2046 and a "C" (2.0) or better in BSC 2010C, or C.I.

Course Description

Basic principles of heredity as applied to prokaryotes and eukaryotes.

College

College of Sciences

Department

Department of Biology

PCB3063H - Honors Genetics
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- CHM 2046 and a "C" (2.0) or better in BSC 2010C, or C.I., and consent of Honors.

Course Description

Basic principles of heredity as applied to prokaryotes and eukaryotes with honors content.

College

College of Sciences

Department

Department of Biology

PCB3063L - Genetics Laboratory
Credits Hours

1

Lab/Studio/Field Work Hours

3

Course Description

Introduction to laboratory techniques of genetics.

Current Fee Per Student

\$28.00

College

College of Sciences

Department

Department of Biology

PCB3233 - Immunology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- BSC 2010C

Course Description

Basic principles of immune reactions, antigen antibody interactions, cell mediated immunity, tumor immunology, and immune therapy.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

PCB3233L - Immunology Laboratory**Credits Hours**

1

Lab/Studio/Field Work Hours

3

Prerequisites

- PCB 3233

Course Description

Introduction to laboratory techniques in immunology.

Current Fee Per Student

\$46.00

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

PCB3343L - Principles of Field Ecology**Credits Hours**

5

Lab/Studio/Field Work Hours

5

Prerequisites/Corequisites

- BSC 2011C, PCB 3044 and C.I.

Course Description

Applied study of biodiversity, ecology and conservation through field trips, field research and/or lectures. Emphasis and location varies by instructor.

College

College of Sciences

Department

Department of Biology

PCB3354 - Tropical Ecology and Conservation**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- PCB 3044 with a grade of "C" (2.0) or better, or C.I.

Course Description

Geography, ecology, and environmental problems encountered in various tropical ecosystems with particular emphasis towards terrestrial systems in tropical rainforests.

College

College of Sciences

Department

Department of Biology

PCB3355L - Tropical Marine Biology**Credits Hours**

2

Lab/Studio/Field Work Hours

2

Prerequisites/Corequisites

- A "C" (2.0) or better in both BSC 2010C and BSC 2011C, or C.I.

Course Description

Intensive, one week field course at an institute of marine science. Diving/snorkeling will be used extensively to study organisms on pristine coral reefs.

College

College of Sciences

Department

Department of Biology

PCB3442 - Aquatic Ecology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- BSC 2010C and a "B" (3.0) or better in BSC 2011C.

Course Description

The aquatic ecology of ponds, lakes, streams, and rivers.

Current Fee Per Student

\$43.00

College

College of Sciences

Department

Department of Biology

PCB3442H - Honors Aquatic Ecology - Biology of the Amazon
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: BSC 2010C and Consent of Honors or C.I.

Course Description

Explore origins and maintenance diverse ecosystem. Historical role of humans in shaping diversity. Examine the challenges in Amazonian biodiversity in the Anthropocene. With honors content.

College

College of Sciences

Department

Department of Biology

PCB3522 - Molecular Biology I
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Complete the following:
 - BSC2010C - Biology I (4)
 - CHM2046 - Chemistry Fundamentals II (3)

Course Description

The general principles governing the structure and function of both procaryotic and eukaryotic genes.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

PCB3522H - Honors Molecular Biology I**Credits Hours**

3

Prerequisites

- BSC 2010C and CHM 2046, BHC student

Course Description

The general principles governing the structure and function of both prokaryotic and eukaryotic genes.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

PCB3703C - Human Physiology**Credits Hours**

4

Lab/Studio/Field Work Hours

3

Prerequisites

- BSC 2010C and CHM 2045 or CHM 1032

Course Description

The physiology and interrelationships of organ systems of the human body.

Current Fee Per Student

\$70.00

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

PCB3703K - Honors Human Physiology**Credits Hours**

4

Lab/Studio/Field Work Hours

3

Prerequisites

- BSC 2010C and CHM 2045 or CHM 1032 and BHC student

Course Description

The physiology and interrelationships of organ systems of the human body. With honors level content.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

PCB4028 - Molecular and Cellular Pharmacology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- PCB 3522.

Course Description

The cellular and molecular events that lead to disease states and the molecular basis of agents that modulate these processes will be covered.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

PCB4135 - Applied Molecular Cell Biology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PCB 3522

Course Description

Discussion on concepts and experimental approaches in molecular cell biology for discovery of modern therapeutics.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

PCB4174 - Foundation of Bio-Imaging Science**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- BSC 2010C, CHM 2045C, CHM 2210, MAC 2311, PHY 2049

Course Description

Fundamental theory, design, and practice of modern bio-imaging techniques applicable for basic biomedical research.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

PCB4234 - Cancer Biology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PCB 3522 or PCB 3023

Course Description

Current knowledge and research on molecular mechanism of tumor development, tumor progression, metastasis and therapy of cancer.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

PCB4264 - Stem Cell Biology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PCB 3522 or PCB 3023

Course Description

Introduction to embryonic and adult stem cells, procedures to isolate them, principles and applications of stem cells in animal and human diseases.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

PCB4280 - Molecular Immunology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MCB 3020C

Course Description

Advanced understanding of the workings of the immune system, correlating cellular and molecular mechanisms with clinical cases.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

PCB4280H - Honors Molecular Immunology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: MCB 3020 and Consent of Honors.

Course Description

Advanced understanding of the workings of the immune system, correlating cellular and molecular mechanisms with clinical cases.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

PCB4284 - Immunobiology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PCB 3233

Course Description

Investigating innate host defense utilizing an approach that combines online didactic coursework with paper-based analytical studies. Recommended for students interested in research.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

PCB4301C - Wetland Ecology & Biogeochemistry**Credits Hours**

4

Lab/Studio/Field Work Hours

3

Prerequisites

- PR: Grade "B" or better in PCB 3044 or CI

Course Description

Examination of wetland ecosystems, laws and policy, current research, global biogeochemical cycles, and relevant field and laboratory techniques.

College

College of Sciences

Department

Department of Biology

PCB4315C - Marine Ecology of Florida**Credits Hours**

4

Lab/Studio/Field Work Hours

3

Prerequisites

- PR: OCE 3008 and BSC 3312 each with an "A" (4.0), or C.I.

Course Description

Examine the physical & biological processes that impact coastal marine communities, focusing on the ecology of specific types of communities found in Florida's coastal environment.

Current Fee Per Student

\$70.00

College

College of Sciences

Department

Department of Biology

PCB4353 - Florida Ecology, Natural History and Conservation**Credits Hours**

3

Prerequisites

- "C" (2.0) or better in PCB 3044

Prerequisites/Corequisites

- PCB 3044C, or C.I.

Course Description

General ecology, habitats, vegetation types, wildlife, and conservation issues of Florida.

College

College of Sciences

Department

Department of Biology

PCB4353L - Florida Ecology Lab**Credits Hours**

1

Lab/Studio/Field Work Hours

1

Prerequisites/Corequisites

- PCB 4353 Florida Ecology, Natural History, and Conservation

Course Description

Indoor labs and field trips augment lecture material by providing deeper exploration of Florida's general ecology, habitats, vegetation types, wildlife, and conservation issues.

Current Fee Per Student

\$15.00

College

College of Sciences

Department

Department of Biology

PCB4402 - Disease Ecology & Ecoimmunology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- A grade of "B" (3.0) or better in PCB 3063 and PCB 3044 or C.I.

Course Description

Examination of how hosts, parasites and environment interact to shape organisms, populations and communities.

College

College of Sciences

Department

Department of Biology

PCB4408 - Urban Ecology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- PCB 3044 with a "B" (3.0) or better, or C.I.

Course Description

Urban ecosystems, urbanizing landscapes, and the impacts of urban areas on ecological pattern and processes at local, regional and global scales.

College

College of Sciences

Department

Department of Biology

PCB4413 - Sensory Ecology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ZOO 4513 ("B" (3.0) or better) or PCB 4683 (B (3.0) or better).

Course Description

Sensory ecology is the study of how and why animals acquire, process and use information from their environment, and how sensory systems influence evolutionary processes.

Current Fee Per Student

\$60.00

College

College of Sciences

Department

Department of Biology

PCB4462 - GIS for Biologists: A Practical Introduction for Undergraduates**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- BSC 2011C, STA 2023 and PCB 3044

Course Description

Investigates how Geographic Information Science (GIS) is currently being used to better understand and address environmental problems and to help manage and conserve natural resources.

College

College of Sciences

Department

Department of Biology

PCB4514 - Genetics II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- A minimum grade of "B" (3.0) in PCB 3063, or C.I.

Course Description

Advanced topics in genetics and epigenetics including genome organization, gene regulation, chromosome mutation, developmental genetics and the effect of environment on phenotype.

College

College of Sciences

Department

Department of Biology

PCB4521 - Tissue Engineering**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MCB 3020C or CHM 2045C

Course Description

Tissue engineering with a special emphasis on the current status of the field, on novel methods and on cell-biomaterial interactions.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

PCB4524 - Molecular Biology II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PCB 3522

Course Description

The processes regulating gene function in procaryotes and eucaryotes; specialized genetic aspects underlying multi-cellular existence, DNA evolution.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

PCB4524H - Honors Molecular Biology II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Permission of Honors and PCB 3522

Course Description

Same as PCB 4524 with honors level content.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

PCB4529C - Experimental Molecular Cell Biology
Credits Hours

4

Lab/Studio/Field Work Hours

4

Prerequisites

- BSC 3403C with a "B" (3.0) or better, or PCB 3023 with a "B" (3.0) or better.

Course Description

Examination of the experimental basis for current knowledge in molecular and cellular biology topics and will link classroom discussions with a required laboratory component.

Current Fee Per Student

\$70.00

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

PCB4575 - Wildlife Genomics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: 'B' or better in PCB 4683, or CI

Course Description

Understanding of how Genomic methods are applied to problems in wildlife biology, with an emphasis on vertebrate animal species in terrestrial and marine ecosystems.

College

College of Sciences

Department

Department of Biology

PCB4663 - Human Genetics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PCB 3522 or PCB 3023

Course Description

Topics include the principles of genetics as applied in humans, human hereditary disorders, and the impact of genetics and technology on medicine and medical practices.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

PCB4678 - Evolution and Medicine
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- A "B" (3.0) or better in PCB 4683, or C.I.

Course Description

Evolutionary theory and perspectives to investigate problems in human health and disease.

College

College of Sciences

Department

Department of Biology

PCB4683 - Evolutionary Biology
Credits Hours

4

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- A grade of "C" (2.0) or better in PCB 3063 and junior standing or C.I.

Course Description

Demographic and genetic structure of populations and their relationship to speciation, adaptation, and macroevolutionary processes in plants and animals.

College

College of Sciences

Department

Department of Biology

PCB4683L - Evolutionary Biology Lab
Credits Hours

1

Lab/Studio/Field Work Hours

2

Course Description

Reading, problem solving and discussion on current topics in evolutionary biology.

Current Fee Per Student

\$3.00

College

College of Sciences

Department

Department of Biology

PCB4684 - Population Genetics
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- A "C" (2.0) or better in both PCB 3063 and PCB 4683, or C.I.

Course Description

Field of population genetics and the study of the various forces that result in evolutionary changes through time.

College

College of Sciences

Department

Department of Biology

PCB4708L - Laboratory Virtual Simulations in Physiology**Credits Hours**

3

Lab/Studio/Field Work Hours

6

Prerequisites

- PCB 3703C or ZOO 3733C

Course Description

Conduct experiments in physiology that enhance the ability to design, collect, analyze data and report results in a scientific manner.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

PCB4722 - Comparative Animal Nutrition**Credits Hours**

4

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- BSC 2010C, BSC 2011C, CHM 2210, CHM 2211, PCB 3044.

Course Description

The fundamental topics of animal nutrition, including all known nutrients important for animal life.

College

College of Sciences

Department

Department of Biology

PCB4723 - Animal Physiology
Credits Hours

4

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- A "C" (2.0) or better in PCB 3023, or C.I.

Course Description

Functions of body processes occurring in animals, with emphasis on vertebrate physiology.

College

College of Sciences

Department

Department of Biology

PCB4802 - Comparative Endocrinology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- A "C" (2.0) or better in both PCB 3023 and PCB 3044, or C.I.

Course Description

Hormonal regulation of an animal's physiological responses to environmental changes.

College

College of Sciences

Department

Department of Biology

PCB4805 - Endocrinology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PCB 3703C or equivalent; CHM 2211

Course Description

Mechanisms of action of hormones; interrelationship between the nervous and endocrine systems.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

PCB4808 - Physiology of Reproduction**Credits Hours**

3

Prerequisites

- Grade of C or better in Human Physiology PCB 3703C

Course Description

Basic and functional reproductive physiology. Acquire familiarity with related vocabulary; gain a fundamental understanding of biological aspects of mammalian reproductive anatomy, physiology, and endocrinology.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

PCB4813 - Molecular Aspects of Obesity, Diabetes & Metabolism**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PCB 3522 or BCH 4053

Course Description

Advanced topics of physiological processes at the cellular, molecular and system level.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

PCB4832 - Cellular and Molecular Basis of Brain Functions**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PCB 3522, PCB 3703C, ZOO 3733C

Course Description

Designed to provide advanced undergraduate students the concepts required to understand the physiological basis of brain functions at the molecular, cellular and system levels.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

PCB4833 - Advanced Human Physiology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PCB 3522, PCB 3703C, ZOO 3733C

Course Description

Advanced topics of physiological processes at the cellular, molecular and system levels.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

PCB4843 - Cellular and Molecular Neuroscience**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ZOO 3744

Course Description

An advanced and thorough course providing understanding of the cellular components and molecular signaling pathways involved in the nervous system function.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

PCB4943 - Peer Instruction and Laboratory Occupational Training
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- BSC 3403C or BSC 3403H

Course Description

Internship practicum in a molecular biology laboratory where students teach, present, read journal articles, and work on a research project.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

PCO - Psychology for Counseling

PCO4203 - Interviewing and Counseling
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- PSY 2012.

Course Description

A review of various interviewing and counseling theories and techniques used in Mental Health settings as well as practical experience in interviewing and counseling procedures.

College

College of Sciences

Department

Department of Psychology

PEL - Physical Education Acts (Gen)-Object Centered Land

PEL2011 - Basic Volleyball and Softball
Credits Hours

2

Lab/Studio/Field Work Hours

1

Course Description

The analysis of offensive and defensive alignment, techniques, and strategies.

College

College of Community Innovation and Education

Department

School of Teacher Education

PEL2111 - Bowling
Credits Hours

2

Lab/Studio/Field Work Hours

1

Course Description

Fundamentals of bowling techniques and the development of skills based on those fundamentals.

College

College of Community Innovation and Education

Department

School of Teacher Education

PEL2112 - Intermediate Bowling
Credits Hours

2

Lab/Studio/Field Work Hours

1

Prerequisites/Corequisites

- PEL 2111, bowling experience, or average of 140 verification by league sheet.

Course Description

This course provides in-depth information that is necessary for the development of high bowling averages.

College

College of Community Innovation and Education

Department

School of Teacher Education

PEL2121 - Beginning Golf
Credits Hours

2

Lab/Studio/Field Work Hours

1

Course Description

Performance and application of basic skills, rules, and etiquette. Physiological and social values accruing from this lifetime sport.

College

College of Community Innovation and Education

Department

School of Teacher Education

PEL2122 - Intermediate Golf
Credits Hours

2

Lab/Studio/Field Work Hours

1

Prerequisites/Corequisites

- PEL 2121 or equivalent competency.

Course Description

A study of performance and application of intermediate skills, rules, and etiquette. Physiological and social values accruing from this lifetime sport.

College

College of Community Innovation and Education

Department

School of Teacher Education

PEL2341 - Beginning Tennis
Credits Hours

2

Lab/Studio/Field Work Hours

1

Course Description

Performance and application of basic skills, rules and etiquette. Physiological and social values accruing from this lifetime sport.

College

College of Community Innovation and Education

Department

School of Teacher Education

PEL2342 - Intermediate Tennis**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites/Corequisites

- PEL 2341 or equivalent competency.

Course Description

Performance and application of advanced skills, rules, and etiquette. Physiological and social values accruing from this lifetime sport.

College

College of Community Innovation and Education

Department

School of Teacher Education

PEL2640 - Basic Football and Basketball**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Course Description

The analysis of offensive and defensive alignment, techniques, and strategies.

College

College of Community Innovation and Education

Department

School of Teacher Education

PEM - Physical Education Acts (Gen)-Perform Centrld Land

PEM2101 - Body Development**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Course Description

An in-depth study of individual physical (musculo-skeletal, neuromuscular, cardiorespiratory) fitness. Emphasis on individual diagnosis, principles, procedures, and conduct of related exercise programs.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

PEM2104 - Personal Fitness**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Course Description

Study of personal fitness concepts, with opportunities to develop an individual, optimal level of fitness and an improved lifestyle through high-level wellness.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

PEM2121C - Yoga**Credits Hours**

3

Lab/Studio/Field Work Hours

3

Course Description

Performance and application of a series of basic movement, breathing, and concentration techniques designed to enhance body awareness, flexibility, strength, and balance, and to allow the mind to be focused and centered.

College

College of Community Innovation and Education

Department

School of Teacher Education

PEM2122 - Yoga for Performers**Credits Hours**

1

Lab/Studio/Field Work Hours

2

Course Description

The practice and study of Yoga, including postures, breathing and meditation, focusing on the needs of performers

College

College of Arts and Humanities

Department

Department of Music

PEM2127C - Pilates**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Course Description

The Pilates method of body conditioning emphasizing core musculature as it applies to everyday movement.

College

College of Community Innovation and Education

Department

School of Teacher Education

PEM2131 - Strength Resistance Training**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Course Description

Study of fitness and strength development through resistance exercise.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy– Kinesiology

PEM2134C - Adventure Recreation**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Course Description

Options for adventure recreation including: outdoor living skills, canoeing, kayaking, rock climbing, hiking and backpacking.

College

College of Community Innovation and Education

Department

School of Teacher Education

PEM2171 - Aerobics**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Course Description

Appropriate rhythmical muscle toning movements that develop aerobic fitness; concepts taught include warm-up, flexibility, stretching, cool down, and heart rate.

College

College of Community Innovation and Education

Department

School of Teacher Education

PEM2173 - Step Aerobics**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Course Description

Appropriate rhythmical muscle toning movements utilizing the step to develop aerobic fitness. Concepts taught include warm-up, flexibility, work-out, and cool-down.

College

College of Community Innovation and Education

Department

School of Teacher Education

PEM2175 - Country/Western Dance**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Course Description

Basic instruction in Country/Western Dance. Improve aerobic fitness by learning line dances, circle dances and basic partner steps, such as two-step and waltz.

College

College of Community Innovation and Education

Department

School of Teacher Education

PEM2402 - Beginning Brazilian Jiu-Jitsu**Credits Hours**

2

Course Description

Study and application of basic skills; falling, takedowns, ground techniques, basic self-defense, terminology, philosophy, culture and fitness training involved in Brazilian Jiu-Jitsu (BJJ).

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

PEM2403 - Intermediate Brazilian Jiu-Jitsu**Credits Hours**

2

Prerequisites

- PEM 2441

Course Description

Study and application of intermediate skills, physical conditioning, appropriate protocols and terminology involved in Brazilian Jiu-Jitsu (BJJ) training.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

PEM2405 - Self Defense for Women and Men
Credits Hours

3

Lab/Studio/Field Work Hours

2

Course Description

Designed to provide students with self defense skills.

College

College of Community Innovation and Education

Department

School of Teacher Education

PEM2431 - Beginning Judo
Credits Hours

2

Lab/Studio/Field Work Hours

0

Course Description

Study and application of basic skills; falling, throwing, ground techniques, basic selfdefense, terminology, philosophy and fitness training involved in the Olympic sport of Judo.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

PEM2432 - Intermediate Judo
Credits Hours

2

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- PEM 2431 or C.I.

Course Description

Study and application of intermediate skills, body and strength conditioning, appropriate protocols and terminology involved in Judo training.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

PEO - Physical Education Acts (Profnl)-Object Cent Land

PEO2011 - Team Sports

Credits Hours

3

Lab/Studio/Field Work Hours

1

Course Description

This course is designed to develop skill proficiency and knowledge to plan, implement and evaluate team sports as part of the Physical Education program.

College

College of Community Innovation and Education

Department

School of Teacher Education

PEO2031 - Individual Sports

Credits Hours

3

Lab/Studio/Field Work Hours

1

Course Description

Skill proficiency and knowledge to plan, implement and evaluate individual sports.

College

College of Community Innovation and Education

Department

School of Teacher Education

PEO3041 - Games Analysis**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Course Description

Teaching methodology utilizing games for specific outcome behaviors in grades K-12.

College

College of Community Innovation and Education

Department

School of Teacher Education

PEO3324 - Coaching Volleyball**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- Kinesiology Pending, Admission to Kinesiology B.S, or Sport and Athletic Coaching Minor or CI.

Course Description

Theory and methods of coaching volleyball, including the analysis of offensive and defensive alignment techniques and strategies.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

PEO3514C - Coaching Soccer
Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites

- Admission to Kinesiology Pending, Kinesiology B.S, or Sport and Athletic Coaching Minor or CI

Course Description

Theory and methods of coaching soccer, including the analysis of offensive and defensive techniques and strategies.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

PEO3624 - Coaching Basketball
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to Kinesiology Pending, Kinesiology B.S, or Sport and Athletic Coaching Minor or CI

Course Description

Theory and methods of coaching basketball, including the analysis of offensive and defensive techniques and strategies.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

PEO3644 - Coaching Football
Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites

- Admission to Kinesiology Pending, Kinesiology B.S., or Sport and Athletic Coaching Minor or CI

Course Description

Theory and methods of coaching football, including the analysis of offensive and defensive techniques and strategies.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

PET - Physical Education Theory

PET2081 - Wellness, Children and Schools
Credits Hours

1

Lab/Studio/Field Work Hours

0

Course Description

Exploration and promotion of wellness for children in schools.

College

College of Community Innovation and Education

Department

School of Teacher Education

PET3005 - Introduction to Kinesiology**Credits Hours**

3

Prerequisites/Corequisites

- ENC1101

Course Description

An introduction to kinesiology with emphasis in fitness, recreation, physical activity, and human performance.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy– Kinesiology

PET3097 - Health and Wellness**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1101

Course Description

Explore wellness through science and the statistics of risk factors for mortality and morbidity. Students will interpret indicators, evaluate choices using assessment-intervention-reinforcement protocols.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy– Kinesiology

PET3125 - Fitness and Weight Management**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to Kinesiology B.S. or Fitness Training Minor; and minimum overall 2.5 GPA..

Course Description

Provides current and future professionals with the requisite knowledge of fitness and weight management research, theories, and practice.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

PET3137 - Concepts and Practices in Sport and Exercise Science**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Admission to the Sport and Exercise Science program or C.I.

Course Description

Examination of experiences in Sport and Exercise Science program: concepts, practices, and science.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

PET3351 - Applied Exercise Physiology**Credits Hours**

3

Prerequisites

- ZOO 3736 Exercise Physiology Anatomy or ZOO 3733 Human Anatomy

Prerequisites/Corequisites

- Kinesiology or Health Sciences majors

Course Description

Introduction to physiological concepts related to exercise and training adaptations.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy– Kinesiology

PET3361 - Nutrition and Metabolism in Kinesiology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to Kinesiology B.S. or Fitness Training Minor, and minimum overall 2.5 GPA.

Course Description

Study of nutrition with focus on the strategies designed to meet nutrient demands for physical activity, exercise, metabolism, and athletic performance in kinesiology.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy– Kinesiology

PET3510C - Physiologic & Metabolic Basis of Human Movement & Performance**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites/Corequisites

- Admission to Athletic Training B.S. Program.

Course Description

Exercise physiology, drugs & nutrition, and performance & injury; each focusing on the key elements for the application of athletic training principles.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

PET3765 - Coaching Theory**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to Kinesiology Pending, Kinesiology B.S., Physical Education B.S., or Sport and Athletic Coaching Minor; and minimum overall 2.5.GPA

Course Description

Theories of coaching team and individual sports.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

PET3768 - Group Exercise Instruction
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Admission to Sport and Exercise Science program or Fitness Training Minor and minimum overall 2.5 GPA.

Course Description

An in-depth study into group exercise instruction and fitness related concepts.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

PET3771 - Strength and Conditioning Concepts
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to Kinesiology B.S., or Fitness Training Minor; minimum overall 2.5 GPA; and ZOO 3736C or ZOO 3733C or equivalent.

Course Description

Integration of advanced components of muscular strength training and endurance conditioning for the Kinesiology professional.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

PET3820 - Teaching Sports Skills I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Course Description

Skill proficiency and knowledge to plan, implement and evaluate sports and leisure activities in physical education programs.

College

College of Community Innovation and Education

Department

School of Teacher Education

PET4050C - Motor Development and Learning**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- Admission to Kinesiology Pending, Kinesiology B.S., Physical Education B.S., or Early Childhood Development and Education B.S

Course Description

An analysis of the theories and factors influencing the motor development of children and the learning of gross and fine motor skills.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

PET4083 - Personal Training Methods**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to Kinesiology B.S., and minimum overall 2.5 GPA

Course Description

An in-depth study into personal training and fitness related concepts.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

PET4088 - Physical Activity & Preventive Medicine**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to Kinesiology B.S., minimum overall 2.5 GPA; and ZOO 3736C or ZOO 3733C or equivalent.

Course Description

Critique and analysis of evidence that exercise training can prevent some diseases and increase quality of life.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

PET4143 - Current Issues & Trends in Kinesiology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the Kinesiology B.S. and minimum 2.5 Overall GPA.

Course Description

Examination of the current issues and trends encountered by professionals in kinesiology.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

PET4215 - Motivational Aspects of Athletic Performance**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to Kinesiology B.S., Fitness Training Minor or Sport and Athletic Coaching Minor; and minimum overall 2.5 GPA

Course Description

Theories of attitude, motivation, effort, persistence, mental focus, visualization, and an exploration of techniques to enhance athlete performance.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

PET4312C - Applied Biomechanics**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- Admission to Kinesiology B.S., Health Sciences B.S. or Fitness Training Minor; minimum overall 2.5 GPA; and ZOO 3736C or ZOO 3733C or equivalent.

Course Description

The comprehension and application of anatomical and mechanical principles involved in human movement.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

PET4315C - Biomechanics of Sport**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites/Corequisites

- PHY 2053C or PHY 2048C.

Course Description

Assessment and recognition of physiological and mechanical aspects of sports and injuries.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

PET4325 - Functional Kinesiology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to Kinesiology B.S., Physical Education B.S. or Fitness Training Minor: ZOO 3736C or equivalent, and minimum 2.5 Overall GPA

Course Description

Study of functional anatomy and elementary biomechanics. Emphasis placed on analysis of skeletal, muscular and nervous systems and biomechanical factors associated with efficient motor development.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy– Kinesiology

PET4401 - Administration and Evaluation in Physical Education and Sport**Credits Hours**

3

Course Description

Addressing administrative, measurement and evaluation aspects of Physical Education, Athletics and Sports Programs.

College

College of Community Innovation and Education

Department

School of Teacher Education

PET4550C - Assessment and Evaluation in Kinesiology**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- Admission to Kinesiology B.S., Physical Education B.S or Fitness Training Minor; PET 3351, and minimum 2.5 overall GPA

Course Description

A study and acquisition of health related fitness, exercise strategies and related assessment techniques.

Current Fee Per Student

\$22.00

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

PET4552 - Exercise Prescription for Special Populations**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to Kinesiology B.S., Physical Education B.S., or Fitness Training Minor; minimum overall 2.5 GPA; PET 3351 Applied Exercise Physiology and ZOO 3736C or ZOO 3733C or equivalent.

Course Description

Students integrate knowledge of kinesiology, physiology, and fitness conditioning to develop exercise for populations dealing with aging, osteoporosis, diabetes, obesity, heart disease, and pregnancy.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

PET4606 - Applied Fitness in Sport
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- ZOO 3733C or ZOO 3736C and PCB 3703C; Junior standing ZOO 3736C; COHPA majors and Health Sciences minors only.

Course Description

Physiological adaptations to exercise, biomechanics, psychology, performance enhancing substances, nutrition, fitness testing procedures, exercise technique, program design, advanced rehabilitation and administration.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy– Kinesiology

PET4710 - Methods for Physical Activity for Children and Adolescents
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Course Description

Develop effective instructional skills through planning, teaching, and assessment. Curricular and instructional considerations for physical activity in children and adolescents.

College

College of Community Innovation and Education

Department

School of Teacher Education

PET4763 - Coaching Methods and Principles**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to Kinesiology B.S., or Sport and Athletic Coaching Minor; minimum overall 2.5 GPA and PET 3765 Coaching Theory

Course Description

Assist students in understanding and conceptually integrating teaching methods/coaching strategies with emphasis given to conditioning and leadership styles.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy– Kinesiology

PET4901 - Capstone in Kinesiology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Senior standing in the Kinesiology B.S. , Minimum 2.5 overall GPA and Department Approval

Course Description

Enhances students' oral and written presentation ability in issues and topics related to kinesiology.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy– Kinesiology

PET4925 - Sport and Fitness Practicum I
Credits Hours

6

Lab/Studio/Field Work Hours

16

Prerequisites/Corequisites

- Overall GPA of 2.5 and completion of 1/3 of the Sport and Fitness program requirements.

Course Description

Field experience in a sport and fitness related organization.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

PGY - Photography

PGY2401C - Beginning Photography
Credits Hours

3

Lab/Studio/Field Work Hours

4

Course Description

Introduction to photography with an art emphasis.

Current Fee Per Student

\$45.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

PGY2813C - Creative Smart Phone Photography**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Course Description

Explore methods of creating/producing/presenting digital-based imagery and introducing the role of smart phone photography in contemporary culture.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

PGY3002 - Contemporary Photography**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Complete all of the following
 - Complete the following:
 - PGY2401C - Beginning Photography (3)
 - or C.I.

Course Description

Late 20th and 21st century (1970's-present) contemporary movements in photography, special emphasis on issues and ideas relative to contemporary image making.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

PGY3204C - Experimental Studio Lighting in Photography**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- ART 2201C, ART 2203C, ART 2300C and ART 2301C

Course Description

Explore the variety of lighting possibilities and creative concepts using constructed set and studio lighting and experimental techniques.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

PGY3205C - Photographic Lighting Techniques**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- PGY 2107 (offered through Daytona State College) or equivalent.

Course Description

Advanced lighting techniques in both the studio and on location, with projects in the editorial, advertising, or fine art genres.

Current Fee Per Student

\$70.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

PGY3276 - The Professional Environment
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Complete all of the following
 - Complete the following:
 - PGY3002 - Contemporary Photography (3)
 - or C.I.

Course Description

Concepts necessary for operation of a photography studio. Includes legal, ethical issues; marketing; selfpromotion strategies; funding opportunities; professional development; and professional presentation.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

PGY3407C - Film and Darkroom
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- ART 2201C, ART 2203C, ART 2300C and ART 2301C

Prerequisites/Corequisites

- ART 3950 or ART 3952 or GRA 3950

Course Description

Various technical and aesthetic considerations of black and white analog photography.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

PGY3410C - Intermediate Photography
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- ART 2201C, ART 2203C, ART 2300C, ART 2301C, PGY 2401C.

Course Description

Intermediate camera and darkroom practice designed for art majors with studio skills.

Current Fee Per Student

\$49.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

PGY3412C - Photography in the Expanded Field
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- ART 2201C, ART 2203C, ART 2300C and ART 2301C

Course Description

Explore the ways in which photography now exists in an expanded field of creative production.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

PGY3451C - Alternative Processes
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- PGY 3472C or C.I.

Course Description

19th century photographic processes with related contemporary non-traditional methods of image creation and presentation.

Current Fee Per Student

\$45.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

PGY3472C - Photo Visualization
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- PGY 2000 (offered through Daytona State College) or equivalent.

Course Description

Analysis of visual problems with an emphasis on communicating and applying a theoretical language to photographic imagery.

Current Fee Per Student

\$68.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

PGY3480 - Museum and Gallery Practices**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Complete the following:
 - PGY3002 - Contemporary Photography (3)

Course Description

The museum and gallery environment focusing on the acquisition and display of photographic materials and curatorial functions. The course includes a service learning component.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

PGY3610C - Photojournalism I**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites/Corequisites

- Journalism majors only.

Course Description

Digital photojournalism and visual storytelling, with emphasis on camera basics, composition skills, digital photo-editing skills, and caption writing skills. See instructor for minimal camera requirements.

College

College of Sciences

Department

Nicholson School of Communication and Media

PGY3620C - Photojournalism II
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- PGY 3610C.

Course Description

Individual and group projects for extended documentary coverage.

College

College of Sciences

Department

Nicholson School of Communication and Media

PGY3651C - Narrative Photography
Credits Hours

3

Lab/Studio/Field Work Hours

3

Prerequisites

- PGY 2650 (offered through Daytona State College) or equivalent.

Course Description

An exploration of the photograph in narrative form. Story, research and visual style will be addressed incorporating historical and contemporary social and documentary photographers.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

PGY3653C - Advanced Editorial Photography**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- Complete the following:
 - PGY3651C - Narrative Photography (3)

Course Description

Exploration of imagery created to illustrate articles, including still-life, portrait, documentary, and/or fashion photography. Emphasis on the creation of multiple or consecutive images.

Current Fee Per Student

\$69.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

PGY3703C - Photography & the Web**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- PGY 3821C or C.I.

Course Description

Advanced issues in digital imaging, emphasis on professional output solutions for the photographer such as web as an interface, large format printing, and film recorder.

Current Fee Per Student

\$45.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

PGY3751C - Videography**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- PGY 2750 or C.I.

Course Description

Creation of video narratives using the digital environment.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

PGY3821C - Advanced Digital Printing**Credits Hours**

3

Lab/Studio/Field Work Hours

3

Prerequisites

- PGY 2650 (offered through Daytona State College) or equivalent.

Course Description

Tools and techniques in digital imaging including color management, digital asset management, monitor calibration, lens profiling, HDR, large format inkjet printing, finishing.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

PGY3933C - The Photo-book
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites/Corequisites

- ART 3950 or ART 3952 or GRA 3950

Course Description

The study and application of the major trends and movements that have shaped the photo-book genre since the birth of photography to the self-publishing boom.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

PGY4003 - Image, Culture, and Society
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PGY 3002 or C.I.

Course Description

The role of the media and media imagery in culture and society.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

PGY4106C - Photography Theory and Practice
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- Any PGY 3XXX level course

Prerequisites/Corequisites

- ART 3950 or ART 3952 or GRA 3950

Course Description

Theory and practice of photography as contemporary tools for art making.

College

College of Arts and Humanities

Department

School of Visual Arts and Design

PGY4228C - Advanced Illustrative Photography
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- PGY 3205C or C.I.

Course Description

Various avenues of photographic illustration, including lighting, historical and contemporary issues, style, presentation, and social concerns.

Current Fee Per Student

\$70.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

PGY4235C - Professional Photographic Workshop**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- Complete the following:
 - PGY3205C - Photographic Lighting Techniques (3)

Course Description

Creative, logistical, and technical processes as related to a variety of special lighting problems in the photographic studio and on location.

Current Fee Per Student

\$70.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

PGY4420C - Advanced Photography**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- Any PGY 3XXX level course.

Prerequisites/Corequisites

- ART 3950 or ART 3952 or GRA 3950

Course Description

Advanced photography skills and portfolio development. Designed for art majors.

Current Fee Per Student

\$49.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

PGY4440C - Special Problems in Photography**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- Any PGY 3XXX level course

Prerequisites/Corequisites

- ART 3950 or ART 3952 or GRA 3950

Course Description

Designed for upper division art majors with photography concentration. A series of directed photographic problems of a research nature.

Current Fee Per Student

\$20.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

PGY4471C - Photography Thesis**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- Complete the following:
 - PGY3276 - The Professional Environment (3)

Course Description

Senior thesis project culminating in a public exhibition or portfolio presentation.

Current Fee Per Student

\$68.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

PGY4493C - Photography and Art
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- PGY 3472C, or PGY 3002, or C.I.

Course Description

Creation of photographs related to the expression of personal, political, aesthetic, and theoretical issues and ideas found in historical and contemporary imagery.

Current Fee Per Student

\$68.00

College

College of Arts and Humanities

Department

School of Visual Arts and Design

PHH - Philosophy, History of

PHH3100 - Ancient Philosophy
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHI 2010 or C.I.

Course Description

Foundations of Western philosophy in ancient Greek thinking about human beings and nature, including the pre-Socratics, Socrates, Plato, Aristotle.

College

College of Arts and Humanities

Department

Department of Philosophy

PHH3200 - Medieval Philosophy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHI 2010 or C.I.

Course Description

The influence of Greek philosophical thought in medieval Muslim, Jewish and Christian philosophy, as expressed in its main problems and representative thinkers.

College

College of Arts and Humanities

Department

Department of Philosophy

PHH3460 - Modern Western Philosophy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Complete the following:
 - PHI2010 - Introduction to Philosophy (3)

Course Description

Major western philosophers and philosophical movements from Descartes to Nietzsche.

College

College of Arts and Humanities

Department

Department of Philosophy

PHH3510 - Marx and Nietzsche
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing.

Course Description

Marx & Nietzsche philosophies: outlook & emphasis differences, significant respective critiques of society, implications of contrasting standpoints for understanding human life, philosophical & ideological influences, & contemporary relevance

College

College of Arts and Humanities

Department

Department of Philosophy

PHH3600 - Contemporary Philosophy
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHI 2010 or C.I.

Course Description

Recent and current trends in philosophy, including philosophical analysis, phenomenology, structuralism, post-structuralism, and liberation philosophies.

College

College of Arts and Humanities

Department

Department of Philosophy

PHH3700 - American Philosophy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHI 2010 or AMH 2010 or AMH 2020 or C.I.

Course Description

A thematic and chronological survey of philosophical, religious, and scientific developments in American thought, with primary focus on the American spirit of individualism and reform.

College

College of Arts and Humanities

Department

Department of Philosophy

PHH3701 - Native American Philosophy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHI 2010 or C.I.

Course Description

Academic Native American philosophy in epistemology, political philosophy and environmental studies.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI - Philosophy

PHI2010 - Introduction to Philosophy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Inquiry into the meaning and justification of fundamental ideas and beliefs concerning reality, knowledge, and values; application to relevant topics in ethics, religion, and politics.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI2010H - Honors Introduction to Philosophy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Permission of Honors.

Course Description

Same as PHI 2010 with honorslevel content.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI2011 - Philosophical Reasoning**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

A study of reasoning in philosophy: the role of inconsistency, infinite regress arguments, modeling, and system building, discovery procedures, diagonalization, and contract and paradigm case arguments.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI2101 - Formal Logic I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

A study of sentence and predicate logics, with introduction to modal, epistemic, deontic, multi-valued, and indeterminant logics.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI2108 - Critical Thinking**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

The logic of conversation, informal fallacies, and reasoning about human action.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI2647 - Logic and Ethics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHI 2101 or COT 3100C or MAD 2104.

Course Description

Research in logic applied to ethics, especially for science and technology. Uses of simulation and modeling to study philosophical problems in ethics.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI3033 - Philosophy, Religion, and the Environment
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing or C.I.

Course Description

A multicultural treatment of the influence of philosophical and religious views on our understanding of, and relation to, the environment.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI3083 - Research Methods in Philosophy
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Philosophy or Humanities major or C.I.

Course Description

Sources, methods, and styles of research in Philosophy. Aimed at enhancing the research, reading, and writing skills of undergraduate philosophy students.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI3131 - Formal Logic II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Complete the following:
 - PHI2101 - Formal Logic I (3)

Course Description

Systematic study of propositional and first-order predicate logic; logistic systems and axiomatic methods; problems of metatheory, including consistency, completeness, and decidability.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI3320 - Philosophy of Mind**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHI 2010, PSY 2012, or C.I.

Course Description

Recent and contemporary attempts to understand the relation of mind to body, the relation of consciousness to personhood, and the relation of psychology to neurobiology.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI3323 - Minds and Machines: Philosophy of Cognitive Science
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHI 2010 or C.I.

Course Description

Assumptions undergirding research in Cognitive Science.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI3451 - Philosophy of Psychology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing or C.I.

Course Description

Philosophical assumptions and foundations of major psychological movements plus other philosophically interesting issues.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI3625 - Virtual Ethics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- COP 3502C or DIG 2000 or C.I.

Course Description

Ethics of virtual worlds as contrasted to the physical world, the use of simulation, virtual environments, and modeling in philosophy, especially in ethics.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI3626 - Advanced Ethics in Science and Technology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- COP 3502C or DIG 2000 or PHI 2647.

Course Description

Critical thinking applied to ethics in science and technology.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI3629 - Family Values**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHI 2010, PHI 2630, PHI 3670, or WST 3015.

Course Description

Applied ethics examining legal, religious and other cultural prescriptions related to sexuality, marriage, reproduction, child-rearing and other forms of familial relationship and caregiving.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI3638 - Ethical Issues in the 21st Century**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHI 2010 or C.I.

Course Description

Applications of ethical theory and moral problem-solving to contemporary issues.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI3640 - Environmental Ethics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing.

Course Description

Major contemporary views in environmental ethics, including individual and holistic approaches, deep ecology, ecofeminism, and social ecology

College

College of Arts and Humanities

Department

Department of Philosophy

PHI3670 - Ethical Theory**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing and C.I.

Course Description

Major classical & contemporary topics in ethics, including value theory, utilitarian, deontological, virtue-based & feminist approaches to ethics, rights, & justice; some examination of metaethical issues.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI3672 - Animal Ethics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHI 2010 or C.I.

Course Description

Key issues and debates in the area of animal ethics, including both theoretical and applied dimensions.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI3684 - Ways of Living**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HUM 2210 or HUM 2230 or C.I.

Course Description

Philosophies of life and the notion of "the good life."

College

College of Arts and Humanities

Department

Department of Philosophy

PHI3700 - Philosophy of Religion**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- REL 2300 or PHI 2010.

Course Description

An examination of basic ideas, beliefs, attitudes, and functions of religion, with emphasis upon questions of conceptual meaning and cognitive justification.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI3720 - Faith and Reason**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- REL 2300 or PHI 2010 or C.I.

Course Description

Emergence of two discrete ways of knowing: Faith and Reason.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI3750 - The Problem of Evil**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHI 2010 or C.I.

Course Description

The traditional problem of evil encompassing philosophical, theological, logical, and natural interpretations and assessments of moral and natural evil.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI3790 - African Philosophy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing or C.I.

Course Description

Traditional and contemporary African philosophical thought with primary emphasis on post-colonial philosophy in sub-Saharan Africa.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI3800 - Aesthetics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHI 2010, HUM 2230, ARH 2050, or ARH 2051.

Course Description

An investigation into the nature of human artistic experience, with special reference to questions of form, perception, and style.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI4221 - Philosophy of Language**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHI 2010 or C.I.

Course Description

Nature of language and the relationships between language, reality, cognition, and culture.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI4300 - Theories of Knowledge**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Philosophy major or C.I.

Course Description

Classical and contemporary theories of knowledge. A critical examination of various forms of, and reasons for, skepticism, criteria for truth and justification for belief.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI4321 - Philosophies of Embodiment: Mind/Body/Self**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing and either PHI 2010, PHI 2011, PHI 2108, or C.I.

Course Description

Different ways of understanding relations between mind, body, and nature. Self-knowledge as articulated by western and non-western philosophies from ancient to contemporary times.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI4341 - Ways of Knowing
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHI 2010 or C.I.

Course Description

Philosophic study of approaches to knowledge, with emphasis on contributions of the knower to how things are known.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI4400 - Philosophy of Science
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing or PHI 2010 or C.I.

Course Description

An examination of the conceptual foundations and methodology of modern science.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI4420 - Philosophy of Social Science**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing or PHI 2010 or C.I.

Course Description

An examination of the objectives, methods and guiding norms of the social sciences and their role in the development of human knowledge.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI4500 - Metaphysics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Philosophy major or C.I.

Course Description

Topics include appearance and reality, actions and events, necessity and possibility, identity, nature of persons, mindbody dualism, causality, and free will and determinism.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI4633 - Ethics and Biological Science**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Completion of the GEP.

Course Description

An application of contemporary thinking to ethical issues arising from the biological sciences, including human and animal experimentation, genetic engineering, biodiversity.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI4633H - Honors Ethics and Biological Science**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- BSC 2010C, a course in Philosophy, and consent of Honors.

Course Description

Contemporary thinking on ethical issues arising from the biological sciences, including human and animal experiments, genetic engineering, and biodiversity.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI4673 - Medical Ethics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Senior standing or C.I.

Course Description

Ethics of clinical medicine and medical research.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI4689 - Neuroethics**Credits Hours**

3

Prerequisites

- Junior standing and PHI 2010, or C.I.

Course Description

Ethical issues associated with the mind sciences, especially neuroscience.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI4690 - Ethics in Nanoscience and Nanotechnology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Completion of GEP or Junior standing.

Course Description

Ethical implications of rapid developments in nanoscience and nanotechnology.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI4931 - Philosophy in the News**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Complete the following:
 - PHI2010 - Introduction to Philosophy (3)

Course Description

Changing course content. A specific topic being covered by the media will be selected for philosophical examination. Course is web enhanced.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI4935 - Topics in Philosophy of Mind**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHI 3320, PHI 3451 or PHI 3323 or C.I.

Course Description

Recent debate in philosophy of mind. Variable topics. Examples: mental representation, consciousness, concepts, free will.

College

College of Arts and Humanities

Department

Department of Philosophy

PHI4938 - Senior Research Seminar
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Senior standing and Philosophy major, or C.I.

Course Description

Capstone course on research, developing effective oral and written communication skills.

College

College of Arts and Humanities

Department

Department of Philosophy

PHM - Philosophy of Man and Society

PHM3020 - Philosophy of Love
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing and PHI 2010, or C.I.

Course Description

A critical investigation of the meaning and significance of various kinds of love from a variety of philosophical perspectives.

College

College of Arts and Humanities

Department

Department of Philosophy

PHM3100 - Freedom and Justice**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing or PHI 2010 or C.I.

Course Description

Philosophical analysis & evaluation of selected issues arising from the interaction of the individual, society, and the state; includes topics such as freedom, equality, and justice.

College

College of Arts and Humanities

Department

Department of Philosophy

PHM3123 - Feminist Theories**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Complete the following:
 - ENC1102 - Composition II (3)

Course Description

Contemporary issues and perspectives in feminist theory and their relation to divergent feminist practices.

College

College of Arts and Humanities

Department

Department of Philosophy

PHM3401 - Philosophy of Law**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHI 2010, PHI 2630 , PHI 3670, or POS 2041.

Course Description

Study of the nature of, and justifications for, law and punishment. Examination of the concepts of legal personhood, rights and responsibilities.

College

College of Arts and Humanities

Department

Department of Philosophy

PHM4031 - Environmental Philosophy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHI 3640, PHI 2630, or C.I.

Course Description

Major contemporary positions in environmental philosophy, including deep ecology, ecofeminism, and social ecology.

College

College of Arts and Humanities

Department

Department of Philosophy

PHP - Philosophy, Specialized

PHP3781 - African-American Philosophy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Complete the following:
 - PHI2010 - Introduction to Philosophy (3)

Course Description

Analysis of contemporary African-American philosophy and overview of Black philosophy from slavery era writings to the present.

College

College of Arts and Humanities

Department

Department of Philosophy

PHP3783 - Modernity as a Philosophical Problem**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHI 2010 or PHI 3640 or C.I.

Course Description

Modernity in the philosophies of Kant, Hegel, Nietzsche, Heidegger, Derrida, Rorty, and others.

College

College of Arts and Humanities

Department

Department of Philosophy

PHP3786 - Existentialism**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing or PHI 2010 or C.I.

Course Description

Study of existentialist analysis and criticism of the human situation as found in the writings of such philosophers as Kierkegaard, Nietzsche, Heidegger, Sartre, and Camus.

College

College of Arts and Humanities

Department

Department of Philosophy

PHP4782 - Phenomenology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing and three Philosophy courses.

Course Description

The philosophy developed in the 20th century in the writings of Husserl, Heidegger, Sartre, Merleau-Ponty, De Beauvoir and Derrida.

College

College of Arts and Humanities

Department

Department of Philosophy

PHP4931 - Key Figures in Philosophy
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHI 2010 or C.I.

Course Description

Study of a central figure in philosophy's work, influences, reception and effect.

College

College of Arts and Humanities

Department

Department of Philosophy

PHP4933 - Key Concepts in Philosophy
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHI 2010 or C.I.

Course Description

Study of the development, meaning, and implications of a central concept in Philosophy.

College

College of Arts and Humanities

Department

Department of Philosophy

PHT - Physical Therapy

PHT3069 - Physical Assessment
Credits Hours

1

Lab/Studio/Field Work Hours

0

Corequisites

- PHT 3069L.

Course Description

Extensive theory and practice in the examination of the patient. Incorporates a systems approach, utilizing screening and patient problem solving.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

PHT3069L - Physical Assessment Lab
Credits Hours

2

Lab/Studio/Field Work Hours

4

Prerequisites/Corequisites

- PHT 3069.

Course Description

Lab course emphasizing the examinations required to perform an evaluation of a physical therapy patient.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

PHT3112 - Gross Anatomy/Neuroscience I**Credits Hours**

2

Lab/Studio/Field Work Hours

0

Corequisites

- PHT 3112L.

Prerequisites/Corequisites

- Admission into the Physical Therapy program.

Course Description

In-depth study of human morphology emphasizing the back, spinal cord, cranial nerves, and upper lower extremities. Regional cadaver dissection.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy– Kinesiology

PHT3112L - Gross Anatomy / Neuroscience I Lab**Credits Hours**

3

Lab/Studio/Field Work Hours

48

Prerequisites

- ZOO 3733C or PCB 3703C

Corequisites

- PHT 3112

Course Description

Human cadaver dissection of the back, spinal cord, cranial nerves, and upper and lower extremities

Current Fee Per Student

\$70.00

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy– Kinesiology

PHT3113 - Gross Anatomy/Neuroscience II**Credits Hours**

2

Lab/Studio/Field Work Hours

0

Corequisites

- PHT 3113L.

Prerequisites/Corequisites

- PHT 3112; PHT 3112L.

Course Description

In-depth study of human morphology emphasizing the brain, the cervical spine, pelvis, and the internal organs.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy– Kinesiology

PHT3113L - Gross Anatomy/Neuroscience II Lab**Credits Hours**

3

Lab/Studio/Field Work Hours

48

Prerequisites

- PHT3112L

Corequisites

- PHT 3113

Course Description

Directed laboratory experiences with cadaver dissection focusing on central nervous system and all internal organs.

Current Fee Per Student

\$70.00

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy– Kinesiology

PHT3122 - Clinical Kinesiology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Corequisites

- PHT 3122L.

Course Description

Mechanical aspects of human movement, including joint mechanics of the upper and lower extremity, the vertebral column, and tissue mechanics of relevant human tissues. Coordinated with cadaver dissection.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

PHT3122L - Clinical Kinesiology Lab**Credits Hours**

3

Lab/Studio/Field Work Hours

6

Corequisites

- PHT 3122.

Course Description

Lab course investigating the mechanical aspects of human movement.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

PHT3155 - Physiology of Therapeutic Exercise**Credits Hours**

2

Lab/Studio/Field Work Hours

0

Corequisites

- PHT 3155L.

Prerequisites/Corequisites

- PHT 3259.

Course Description

Exercise physiology investigating the physiological responses and adaptations to human movement including cardiovascular and pulmonary systems.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy– Kinesiology

PHT3155L - Physiology of Therapeutic Exercise Lab**Credits Hours**

2

Lab/Studio/Field Work Hours

4

Corequisites

- PHT 3155.

Course Description

Lab course emphasizing the clinical application of exercise physiology.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy– Kinesiology

PHT3259 - Patient Care Skills**Credits Hours**

2

Lab/Studio/Field Work Hours

0

Corequisites

- PHT 3259.

Course Description

Affective, cognitive, and psychomotor skills applied to patient care. Diversity issues discussed. Basic skills of patient care; transfers, mobility skills, draping, gait training.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

PHT4222 - Therapeutic Exercise I**Credits Hours**

2

Lab/Studio/Field Work Hours

0

Corequisites

- PHT 4222L.

Prerequisites/Corequisites

- PHT 3155; PHT 3155L.

Course Description

Theory of developing, implementing, and evaluating a therapeutic exercise program for patients with musculoskeletal dysfunction.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

PHT4222L - Therapeutic Exercise I Lab**Credits Hours**

1

Lab/Studio/Field Work Hours

2

Corequisites

- PHT 4222.

Course Description

Lab course emphasizing therapeutic exercise skills for the treatment of patients with musculoskeletal dysfunction.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

PHT4230 - Therapeutic Exercise II**Credits Hours**

2

Lab/Studio/Field Work Hours

0

Corequisites

- PHT 4230L.

Prerequisites/Corequisites

- PHT 4222; PHT 4222L.

Course Description

Exploration of the various therapeutic exercise modalities, and their application to the rehabilitation course treatment.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

PHT4230L - Therapeutic Exercise II Lab
Credits Hours

1

Lab/Studio/Field Work Hours

2

Corequisites

- PHT 4230.

Course Description

Lab course emphasizing use of various therapeutic exercise modalities.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

PHY - Physics

PHY1029 - Household Physics
Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

A hands-on, exploration-oriented course intended to help non-science major students understand physics involved in everyday items around the house.

College

College of Sciences

Department

Department of Physics

PHY1038 - Physics of Energy, Climate Change and Environment**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Basic principles of physics, under the unifying theme of the production and use of energy and its interaction with the climate system and global environment.

College

College of Sciences

Department

Department of Physics

PHY1935 - Freshman Physics Seminar**Credits Hours**

1

Lab/Studio/Field Work Hours

0

Course Description

Introduction to physics and the Physics Department research groups to prepare students for a successful physics career.

College

College of Sciences

Department

Department of Physics

PHY2020 - Concepts of Physics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

An introductory course in physics designed for non-science majors, emphasizing topics relevant to everyday life. The course focuses on major physical discoveries and their implications for the world around us.

College

College of Sciences

Department

Department of Physics

PHY2048 - General Physics Using Calculus I**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- MAC 2311C (or equivalent) with grade "C" (2.0) or better.

Course Description

Physics I for scientists and engineers. Newtonian mechanics, kinematics, vectors, Newton's laws, work and conservation of energy and momentum, collisions, equilibrium, oscillations and waves.

College

College of Sciences

Department

Department of Physics

PHY2048C - General Physics Using Calculus I Studio**Credits Hours**

4

Lab/Studio/Field Work Hours

3

Prerequisites

- MAC 2311C (or equivalent) with grade "C" (2.0) or better.

Course Description

Active learning course with combined lecture and lab. Calculus-based physics. Newtonian dynamics, gravity, work and conservation of energy and momentum, equilibrium, simple harmonic oscillators.

Current Fee Per Student

\$0.00

College

College of Sciences

Department

Department of Physics

PHY2048K - Honors General Physics Using Calculus I
Credits Hours

4

Lab/Studio/Field Work Hours

3

Prerequisites

- MAC 2311C (or equivalent) with grade "C" (2.0) or better, and permission of Honors.

Course Description

Same as PHY 2048C with honors-level content.

College

College of Sciences

Department

Department of Physics

PHY2048L - General Physics Using Calculus I Laboratory
Credits Hours

1

Lab/Studio/Field Work Hours

2

Prerequisites/Corequisites

- PHY 2048 with grade of "C" (2.0) or better

Course Description

Design, conduct experiments, create and evaluate models and make connections to physics principles. Make and record measurements, analyze and visualize data and uncertainties using calculus.

College

College of Sciences

Department

Department of Physics

PHY2049 - General Physics Using Calculus II**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- (PHY 2048 or PHY2048C) and MAC 2312 both with grades of "C" (2.0) or better.

Prerequisites/Corequisites

- PHY 2048L

Course Description

Coulomb's law, electric fields and potentials, capacitance, currents and circuits, Ampere's law, Faraday's law, inductance, Maxwell's equations, electromagnetic waves, ray optics, interference and diffraction.

College

College of Sciences

Department

Department of Physics

PHY2049C - General Physics Using Calculus II Studio**Credits Hours**

4

Lab/Studio/Field Work Hours

3

Prerequisites

- MAC 2312 and PHY 2048C with grades "C" (2.0) or better.

Course Description

Active learning course with combined lecture and lab. Calculus-based physics. Electric and magnetic fields, circuits, induction, Maxwell's equations, electromagnetic waves, ray optics, interference, diffraction.

Current Fee Per Student

\$0.00

College

College of Sciences

Department

Department of Physics

PHY2049K - Honors General Physics Using Calculus II
Credits Hours

4

Lab/Studio/Field Work Hours

3

Prerequisites

- MAC 2312 and PHY 2048C with grades "C" (2.0) or better, and permission of Honors.

Course Description

Same as PHY 2049C with honors-level content.

College

College of Sciences

Department

Department of Physics

PHY2049L - General Physics Using Calculus II Laboratory
Credits Hours

1

Lab/Studio/Field Work Hours

2

Prerequisites/Corequisites

- PHY 2049 with a grade of "C" (2.0) or better

Course Description

Design, conduct experiments, create and evaluate models and make connections to physics II principles. Make and record measurements, analyze and visualize data and uncertainties using calculus.

College

College of Sciences

Department

Department of Physics

PHY2053 - College Physics I**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- MAC 1105C and MAC 1114C or equivalent

Course Description

Kinematics, dynamics, Newton's laws of motion, Newtonian gravity, conservation of energy and momentum. Rotation, statics, basic principles of fluids. Simple harmonic oscillators.

College

College of Sciences

Department

Department of Physics

PHY2053C - College Physics I Studio**Credits Hours**

4

Lab/Studio/Field Work Hours

3

Prerequisites

- MAC 1105C and MAC 1114C or equivalent or C.I.

Course Description

Active learning course with combined lecture and lab. Algebra-based physics. Newtonian dynamics, rotational motion, gravity, conservation of energy and momentum. Introduction to waves, fluids.

Current Fee Per Student

\$0.00

College

College of Sciences

Department

Department of Physics

PHY2053K - Honors College Physics I
Credits Hours

4

Lab/Studio/Field Work Hours

3

Prerequisites

- MAC 1105C and MAC 1114C or C.I. and consent of Honors.

Course Description

Mechanics, waves, thermodynamics. With Honors content.

College

College of Sciences

Department

Department of Physics

PHY2053L - College Physics I Laboratory
Credits Hours

1

Lab/Studio/Field Work Hours

2

Prerequisites/Corequisites

- PHY 2053 with grade of "C" (2.0) or better

Course Description

Design and conduct experiments, create and evaluate models and make connections to physics principles. Make and record measurements, analyze and visualize data and uncertainties.

College

College of Sciences

Department

Department of Physics

PHY2054 - College Physics II**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- PHY 2053 or PHY 2053C with "C" (2.0) or better

Prerequisites/Corequisites

- PHY 2053L

Course Description

Fundamentals of electricity and magnetism. Lorentz force. Induction. Series and parallel DC circuits. RLC AC circuits. Ray optics, diffraction.

College

College of Sciences

Department

Department of Physics

PHY2054C - College Physics II Studio**Credits Hours**

4

Lab/Studio/Field Work Hours

3

Prerequisites

- PHY 2053C or (PHY 2053 and PHY 2053L) with "C" (2.0) or better

Course Description

Active learning course with combined lecture and lab. Algebra-based physics. Electric and magnetic fields, circuits, induction, Maxwell's equations, electromagnetic waves, ray optics, interference, diffraction.

Current Fee Per Student

\$0.00

College

College of Sciences

Department

Department of Physics

PHY2054K - Honors College Physics II
Credits Hours

4

Lab/Studio/Field Work Hours

3

Prerequisites

- PHY 2053C and consent of Honors.

Course Description

Fluids, electricity, and magnetism, optics, x-rays, radioactivity. With Honors content.

College

College of Sciences

Department

Department of Physics

PHY2054L - College Physics II Laboratory
Credits Hours

1

Lab/Studio/Field Work Hours

2

Prerequisites/Corequisites

- PHY 2054 with a grade of "C" (2.0) or better

Course Description

Design and conduct experiments, create and evaluate models and make connections to physics II principles. Make and record measurements, analyze and visualize data and uncertainties.

College

College of Sciences

Department

Department of Physics

PHY3101 - General Physics Using Calculus III
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAC 2313, and PHY 2049C or PHY 2054.

Course Description

Thermodynamics, oscillations, modern physics.

College

College of Sciences

Department

Department of Physics

PHY3101H - Honors General Physics Using Calculus III
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHY 2049C, MAC 2313, and consent of Honors.

Course Description

Same as PHY 3101 with honors-level content.

College

College of Sciences

Department

Department of Physics

PHY3220 - Mechanics I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHY 2048C or PHY 2048H, MAP 2302.

Course Description

Particle dynamics, rigid bodies, Lagrangian formulation of mechanics, Hamilton's equations.

College

College of Sciences

Department

Department of Physics

PHY3323 - Electricity and Magnetism I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHY 2049C, MAP 2302.

Course Description

Electrostatics, magnetostatics, Lorentz force current electricity, Maxwell's equations.

College

College of Sciences

Department

Department of Physics

PHY3513 - Thermal and Statistical Physics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHY 3101 or PHY 3101H or C.I.

Course Description

Thermodynamics, kinetic theory, elements of statistical mechanics.

College

College of Sciences

Department

Department of Physics

PHY3722C - Physics Laboratory-Electronics**Credits Hours**

3

Lab/Studio/Field Work Hours

5

Prerequisites

- PHY 2049C.

Course Description

State-of-the-art electronics, transducers, operational amplifiers, phase sensitive circuits, active filters.

Current Fee Per Student

\$0.00

College

College of Sciences

Department

Department of Physics

PHY3752C - Physics of Scientific Instruments**Credits Hours**

3

Lab/Studio/Field Work Hours

5

Prerequisites

- PHY 3101 or C.I.

Course Description

Applications, functions and operation of electronic instruments.

Current Fee Per Student

\$0.00

College

College of Sciences

Department

Department of Physics

PHY3802L - Intermediate Physics Laboratory**Credits Hours**

3

Lab/Studio/Field Work Hours

5

Prerequisites

- PHY 3101 or C.I.

Course Description

Laboratory work in basic measurements of physical constants; experiments in electronics, modern physics, nuclear physics, optics, and solid state physics.

College

College of Sciences

Department

Department of Physics

PHY3945 - Physics Pedagogy Seminar**Credits Hours**

1

Lab/Studio/Field Work Hours

0

Prerequisites

- PHY 2048C or PHY 2053C.

Course Description

Designed for students serving as Learning Assistants in the physics department and will help LAs to integrate educational theory, pedagogy and practice.

College

College of Sciences

Department

Department of Physics

PHY4012 - Teaching Introductory Physics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHY 3101 or C.I.

Course Description

Students build specialized matter required for teaching introductory physics by reviewing variety of physics concepts integrated with coherent teaching methods.

College

College of Sciences

Department

Department of Physics

PHY4254 - Physics of Fluids and Biofluids**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHY 3513, PHY 3323, and MAP 2302, or C.I.

Course Description

Ideal fluids; basic equation of fluid flow; viscous flow, instability and turbulence; thermal and mass transfers in fluids; biofluid mechanics of blood circulation.

College

College of Sciences

Department

Department of Physics

PHY4324 - Electricity and Magnetism II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHY 3323.

Course Description

Dielectrics, magnetic materials, electromagnetic waves, reflection, complex impedance, static solutions to Laplace's Equation, radiation from an accelerated charge and antennae, special relativity.

College

College of Sciences

Department

Department of Physics

PHY4424 - Optics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHY 3101 and PHY 3323.

Course Description

Wave optics, absorption, stimulated emission, lasers, transforms, coherence, holography.

College

College of Sciences

Department

Department of Physics

PHY4445 - Lasers**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHY 3101, MAP 2302, PHY 4424, or C.I.

Course Description

Principles of laser gain media, properties of resonators and modes, and description of specific laser systems.

College

College of Sciences

Department

Department of Physics

PHY4604 - Wave Mechanics I
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHZ 3113 and PHY 3220

Course Description

Postulates of quantum mechanics, operators and observables, Schroedinger equation with simple applications.

College

College of Sciences

Department

Department of Physics

PHY4605 - Wave Mechanics II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHY 4604.

Course Description

Further applications of quantum mechanics, perturbation theory, scattering theory, identical particles.

College

College of Sciences

Department

Department of Physics

PHY4803L - Advanced Physics Laboratory
Credits Hours

3

Lab/Studio/Field Work Hours

5

Prerequisites

- PHY 3802L.

Course Description

Experiments in optics, electronics, nuclear and solid state physics. Emphasis on design, data, and scientific writing.

Current Fee Per Student

\$0.00

College

College of Sciences

Department

Department of Physics

PHY4912 - Directed Independent Research
Credits Hours

1 - 99

Lab/Studio/Field Work Hours

1-99

Prerequisites

- Instructor Consent Required

Course Description

Directed Independent Research

College

College of Sciences

Department

Department of Physics

PHZ - Physics Continued

PHZ3113 - Introduction to Theoretical Methods of Physics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- MAP 2302

Course Description

Analytical techniques to solve problems of physics.

College

College of Sciences

Department

Department of Physics

PHZ3150 - Introduction to Numerical Computing**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAC 2311C, or CI

Course Description

First exposure to computer as a calculation tool. Simple programming, problem-solving workflows, 2D and 3D visualization principles, logging, numerical methods and tools. Computer required.

College

College of Sciences

Department

Department of Physics

PHZ3151 - Computer Methods in Physics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHY 3101.

Course Description

Non-analytical problems in physics and astronomy solved by approximation with computer assistance.

College

College of Sciences

Department

Department of Physics

PHZ3361 - The Interaction of Radiation with Matter and its Measurement**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: PHY 2054 or PHY 2049

Course Description

Radiation interaction with matter. Ionization chambers. Proportional & Geiger counters. Scintillation & scintillation counters. Semiconductor detectors. Single and Multichannel Analyzers. Gama ray and neutron detectors. Biological effects.

College

College of Sciences

Department

Department of Physics

PHZ3422 - Nanophysics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHY 3101 or C.I.

Course Description

Physical phenomena occurring in nanometer-length scale, including nano colloids, and nano transport.

College

College of Sciences

Department

Department of Physics

PHZ3601 - Einstein's Theory of Relativity**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHY 2049.

Course Description

Einstein's special theory of relativity. Introduction to general relativity.

College

College of Sciences

Department

Department of Physics

PHZ4390 - Nuclear and Particle Physics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHY 4605 or C.I.

Course Description

The properties of the nuclei and the fundamental particles and how the universe is built from particles.

College

College of Sciences

Department

Department of Physics

PHZ4404 - Solid State Physics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PHY 3513 or C.I.

Course Description

Atomic binding, crystalline structure, diffraction and reciprocal lattice, lattice vibration, phonons, electrons in solids, energy bands, semiconductors.

College

College of Sciences

Department

Department of Physics

PHZ4624 - General Relativity
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: PHY 3101 or CI

Course Description

The underpinnings and mathematics of the General Theory of Relativity, including applications to black holes, gravitational waves, and cosmology.

College

College of Sciences

Department

Department of Physics

PLA - Paralegal/Legal Asstistant/Legal Administration

PLA3014 - Law and the Legal System
Credits Hours

3

Prerequisites

- ENC 1101

Prerequisites/Corequisites

- ENC 1101

Course Description

A survey course designed to familiarize students with the American legal system, while exposing the student to the legal profession and critical thinking.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA3108 - Legal Research
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Prerequisites/Corequisites

- ENC 1102

Course Description

A study of the various research tools used in legal investigation and the methods used to conduct legal research.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA3155 - Legal Writing
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- PLA 3108.

Course Description

A study of legal writing format and technique and the preparation of memoranda and other legal documents, using research skills learned in PLA 3108.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA3205 - Civil Practice and Procedure
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Prerequisites/Corequisites

- ENC 1102

Course Description

The student becomes familiar with the Florida civil procedure before trial and acquires the ability to prepare basic pleadings.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA3277 - The Law of Torts
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Prerequisites/Corequisites

- ENC 1102

Course Description

Theories governing liability for civil injuries not arising from contractual obligations; systems and procedures used in preparation, trial and appeal of torts cases.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA3306 - Criminal Law**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Prerequisites/Corequisites

- ENC 1102

Course Description

Basic concepts of substantive criminal law. The course includes examination of elements of major crimes, criminal responsibility, legal defenses, and parties to crime.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA3309 - Criminal Procedure**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Prerequisites/Corequisites

- ENC 1102

Course Description

Rules of criminal procedure, with emphasis on Florida rules, including right to counsel, bail, search and seizure, arrest, identification, trial, and post-trial proceedings.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA3871 - Law and Technology: Drones and Artificial Intelligence
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102.

Course Description

This course prepares students to critically analyze the law as a driver and inhibitor of technology by examining innovations in automated and unmanned aircraft.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA3871H - Honors Law and Technology: Drones and Artificial Intelligence
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- ENC 1102; Consent of Honors

Course Description

This course prepares students to critically analyze the law as a driver and inhibitor of technology by examining innovations in automated and unmanned aircraft.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA3951H - Honors Moot Court
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Junior Standing and Consent of Honors, and C.I.

Course Description

Interdisciplinary course on selective principles of Constitutional Law, focusing on persuasive writing, oral advocacy, public speaking, and analytical skills through UCF's appellate advocacy/mootcourt tournament.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4020 - Law and Society
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Prerequisites/Corequisites

- ENC 1102

Course Description

Examination of the relationship between law and American society including the impact on the legal system and legal profession of major social movements.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4022 - Contemporary Issues in Law
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC1102

Course Description

Analyze contemporary legal issues and interplay between state and federal law applications. Topics track current social legal issues.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4081 - Persuasion & the Law
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Course Description

Analysis of the law from a rhetorical perspective, examination of legal arguments leading to creation of original proposal for a new or amended law.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4156 - Legal Scholarship
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PLA3155

Course Description

Designed for advanced students interested in exploring the role of academic legal writing in legal analysis.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4160 - Law on Trial: Empirical Legal Scholarship
Credits Hours

3

Prerequisites

- PLA 3014 or C.I.

Course Description

Examine and analyze legal questions through the lens of social science and empirical study; Student will be introduced to empirical legal research.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4191 - Thinking, Like a Lawyer**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PLA3014 or equivalent

Course Description

Course designed for students interested in applying legal reasoning, with distinctive techniques and decision-making methods characteristic of legal decision-making applicable to legal and non-legal problems.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4226 - Advanced Trial Advocacy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- (PLA 4910 and Junior Standing) or C.I.

Course Description

Litigation and trials at an advanced level; students must handle a trial from beginning to end.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4243 - Negotiation in Practice**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PLA 4240 -Negotiations Alternatives in the Law

Course Description

Course focuses on advanced mediation skills as well as drafting of a mediated settlement agreements, and mediator ethics. Course includes travel requirements for mediation competitions.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4244 - Community Mediation and Conflict Resolution**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PLA3014

Course Description

Exploration of salient and accessible conflict navigation tools and theories for use in community (non-court affiliated) mediation and interpersonal conflict.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4263 - Evidence**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Prerequisites/Corequisites

- ENC 1102

Course Description

An examination of statutes and cases that define rules of evidence for trial courts. Primary emphasis is on the Florida Evidence Code.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4410 - Intellectual Property Law and Practice**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102.

Course Description

This course provides a comprehensive understanding of intellectual property law and practice based on the four areas of trademark, copyright, patent and trade secrets.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4410H - Hon: Intellectual Property Law and Practice
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: Junior Standing; Consent of honors

Course Description

This course provides a comprehensive understanding of intellectual property law and practice based on four areas: trademark, copyright, patent and trade secrets with honors content.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4424 - The Law of Contracts

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Prerequisites/Corequisites

- ENC 1102

Course Description

Basic law contracts as developed in Anglo-American law and as changed by modern statutes, including Uniform Commercial Code. Florida contract law will be emphasized.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4436 - Florida Partnerships and Corporations
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Prerequisites/Corequisites

- ENC 1102

Course Description

Statutory requirements of Florida partnerships and corporations; creation and dissolution of business organizations, responsibilities of officers and basic rights of stockholders.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4464 - Bankruptcy Law
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Prerequisites/Corequisites

- ENC 1102

Course Description

This course will acquaint the student with the substantive law and procedures associated with the rights and obligations of debtors and creditors.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4472 - Employment Discrimination Law**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Prerequisites/Corequisites

- ENC 1102

Course Description

Course will address employment discrimination based on race, gender, religion, national origin, age, disability and sexual orientation. Issues such as workplace harassment will be analyzed.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4485 - Administrative Law**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Prerequisites/Corequisites

- ENC 1102

Course Description

The law regarding governmental agencies with emphasis on the administrative process, Administrative Procedures Acts and special problems of state administrative law.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4510 - Law and Emotion
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC1102.

Course Description

An interdisciplinary survey covering the intersection of law and the various emotions that constitute the human experience.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4511 - Law and Human Behavior
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC1102

Course Description

A multidisciplinary examination of issues arising from the relationships between human behavior and the law, the legal system, and the legal process.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4525 - Disability Rights and Protections (A Legal Perspective)**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PLA 3014 or C.I.

Course Description

An in-depth review of the law surrounding disability rights and accommodations including social security benefits and the definition of "reasonableness" in various settings.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4530 - Legal Issues of the Elderly**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Prerequisites/Corequisites

- ENC 1102

Course Description

Legal concerns faced by older Americans as they plan their later years and seek to maximize their personal autonomy.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4545 - Military Law - the Law of War
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC1102

Course Description

US law affecting military personnel/operations, examination of military justice system, service members' constitutional rights compared to other US citizens, and law of armed conflict.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4554 - Environmental Law
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Prerequisites/Corequisites

- ENC 1102

Course Description

Environmental law and policy related to the protection of natural resources, including an examination of toxic pollutants, endangered species, and climate change.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4571 - Intercultural Legal Competence
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102.

Course Description

This course will explore the ability of attorneys to deal with parties from different cultures, and the handling of legal disputes involving international legal systems.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4585 - Cybersecurity and the Law
Credits Hours

3

Prerequisites

- PLA3014 or equivalent.

Course Description

Course addresses legal landscape relative to cybersecurity law and policy; and is an introduction into a range of legal and policy issues associated with cybersecurity.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4607 - Estates and Trusts**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Prerequisites/Corequisites

- ENC 1102

Course Description

A study of wills and trusts, and applicable legal principles of administration of estates through the processes of the Probate Court.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4705 - Professionalism & Civility in the Law**Credits Hours**

3

Prerequisites

- PLA 3155; Legal Studies Major

Course Description

Provide students guidance as they interact in a real-world setting as legal professionals while strengthening their research and writing skills.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4734 - Advanced Legal Applications Computer Software
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Prerequisites/Corequisites

- ENC 1102

Course Description

Course will acquaint students with contemporary computer software applications used to satisfy the demands of today's law firms and law-related fields.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4764 - Law Office Practices

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Prerequisites/Corequisites

- ENC 1102

Course Description

Organization, operation and management of law office. Interviewing techniques and practical application of work that is done in a law office.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4806 - Domestic Relations Law
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Prerequisites/Corequisites

- ENC 1102

Course Description

An in-depth study of family law focusing on divorce, custody, child support, alimony, adoption and other related matters with an emphasis on Florida law.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4807 - Adoption Law
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Course Description

This course offers a survey of adoption law. Students will learn about the adoption process, discuss relevant legal authority and learn the lawyer's role.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4813 - Juvenile Law and Procedure
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Prerequisites/Corequisites

- ENC 1102

Course Description

Examines both the substantive and procedural law for juvenile delinquency and dependency. Emphasis on Florida law and comparison with other jurisdictions.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4823 - Sports Law

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Prerequisites/Corequisites

- ENC 1102

Course Description

Introduction to the legal issues and regulation of sports, focusing on torts, contracts, agency and constitutional law as applied to athletes.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4825 - Entertainment Law
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Prerequisites/Corequisites

- ENC 1102

Course Description

Introduction to the control and regulation of the entertainment industry and the associated legal issues.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4830 - World Legal Systems
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Prerequisites/Corequisites

- ENC 1102

Course Description

An examination of various legal traditions and systems of the World. Substantive and procedural laws will be examined.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4834 - Study Abroad: US/UK Comparative Law
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 and junior standing.

Course Description

Legal systems structures of U.S. and United Kingdom. Comparatively examining the institutions, structure and sources of law in the Continental, Common Law and Anglo-American legal systems.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4843 - Immigration Law and Policy
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102.

Course Description

Major topics in U.S. immigration law to include the statutory, historical, and procedural foundations of U.S. immigration law and policy.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4861 - Aviation Law**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102.

Course Description

The law as it applies to aviation and aerospace activities domestically and internationally, including post-9/11 national aviation policy and emerging technologies (drones).

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4886 - Sexuality, Gender, & the Law**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: ENC1102

Course Description

Examine and analyze legal issues concerning gender and sexuality with emphasis on right to privacy, legal theories of sex and sexual orientation, and sexual discrimination

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4887 - Law, Social Science, and the Criminal Courts
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102.

Course Description

Critically examine the use of social science in legal decision-making, particularly focusing on controversies decided by the Supreme Court of the United States.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4910 - Trial Advocacy

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Prerequisites/Corequisites

- ENC 1102

Course Description

Analysis of the entire litigation process from the initial client interview through the appellate stage, and development of oral advocacy skills.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4935 - Capstone: Legal Issues**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Senior status, PLA 4705 Professionalism and Civility in Law, Legal Studies major.

Course Description

Legal and socio-legal analysis of issues that require students to synthesize their legal studies education. Service-learning course that assists students entering employment or graduate education.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4941 - Internship**Credits Hours**

1 - 99

Lab/Studio/Field Work Hours

1-99

Prerequisites

- Consent of Instructor

Course Description

Internship

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4952 - Advanced Moot Court
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PLA3951H

Course Description

In-depth exploration of new areas of constitutional law, and developing and refining oral advocacy, persuasive writing, and legal analysis skills through moot court competition.

College

College of Community Innovation and Education

Department

Department of Legal Studies

PLA4956 - Undergraduate Law Journal
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PLA 3155 and Consent of Instructor.

Course Description

Students will research, write and edit articles collectively accepted by the class for potential selection and inclusion in the Undergraduate Law Journal published each Spring.

College

College of Community Innovation and Education

Department

Department of Legal Studies

POR - Portuguese Language

POR1120C - Elementary Portuguese Language and Civilization I
Credits Hours

4

Lab/Studio/Field Work Hours

1

Course Description

Introduces the student to Portuguese culture through the major language skills: listening, speaking, reading, and writing. Open only to students with no experience in this language.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

POR1121C - Elementary Portuguese Language and Civilization II
Credits Hours

4

Lab/Studio/Field Work Hours

1

Prerequisites

- POR 1120C or C.I.

Course Description

Continuation of POR 1120C. The course emphasizes the four major language skills: reading, writing, listening, and speaking.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

POR2200 - Intermediate Portuguese I
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- POR 1120C or equivalent or C.I.

Course Description

Development of Portuguese language skills at the intermediate level.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

POR2201 - Intermediate Portuguese II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- POR 2200 or equivalent or C.I.

Course Description

Continuation of POR 2200 with emphasis on Portuguese cultures.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

POR3140 - Accelerated Portuguese for Speakers of Romance Languages**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- FRE 2201, or ITA 2201, or SPN 2201, or course equivalent.

Course Description

Accelerated Portuguese for proficient speakers of Romance Languages. It is expected that students have no prior knowledge of Portuguese.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

POR3300 - Portuguese Composition**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- POR 2201 or C.I.

Course Description

Enhance and develop student's ability to communicate in written Portuguese.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

POR3301 - Advanced Portuguese Grammar and Composition
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- POR 2201 or C.I.

Course Description

Develop student's proficiency in reading and writing of the Portuguese Language.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

POR3413 - Advanced Portuguese Oral Communication
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- POR 2201 or C.I.

Course Description

Develop student's skills at an advanced level, focusing substantially on speaking and listening activities.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

POR3440 - Business Portuguese
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- POR 2201 or C.I.

Course Description

Prepares students for careers in business and other professions involving business activities in Portuguesespeaking environments around the world and in the U.S.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

POR3450 - Luso-Afro-Brazilian Triangle
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- POR 3301 or POR 3300 or POR 3413 or C.I.

Course Description

Examines three historical components of the South Atlantic in terms of history, culture, and contemporary political and economic consequences as these influence Lusophone literature.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

POS - Political Science

POS2012 - Working in Politics**Credits Hours**

1

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- ENC 1101, or Cl.

Course Description

Prepares students for the practical elements of working in politics. Offers professional development in areas such as communication, resume writing, and confidentiality among others.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS2041 - American National Government**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

A study of the dynamics of American national government, including its structure, organization, powers, and procedures.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS2041H - Honors American National Government
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Permission of Honors.

Course Description

Same as POS 2041 with honors-level content

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS3076 - American Indian Politics
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- POS 2041 or C.I.

Course Description

Politics and policies specific to indigenous peoples of the United States.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS3122 - State Government and Public Policy
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- POS 2041 or C.I.

Course Description

A comparative study of American state governments, political processes, and public policies, with emphasis on Florida.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS3173 - Southern Politics
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- POS 2041 or C.I.

Course Description

Study of southern politics past and present. Emphasis on factors effecting changes in the region and the states. Southern and national relationship examined.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS3182 - Florida Politics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- POS 2041 or C.I.

Course Description

Examines the foundations of Florida government and political behavior, political institutions, and public policy.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS3182H - Honors Florida Politics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- POS 2041 or C.I., and consent of Honors.

Course Description

Foundations of Florida government and political behavior, political institutions, and public policy. With Honors content.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS3233 - Public Opinion**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Junior standing or C.I.

Course Description

Nature, impact and development of public opinion, emphasizing the influence of race, gender, age, and class on opinions, voting, and political behavior.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS3234 - Protest in American Politics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- POS 2041 or C.I.

Course Description

Connections between politics and protest in American politics including its impact on policy, and the implications of the generalization of protest for democracy.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS3235 - Mass Media and Politics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Influence of media on campaigns, public officials, public opinion, the definition of political news, and selected public policies.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS3235H - Honors Mass Media and Politics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- POS 2041 or C.I., consent of Honors.

Course Description

Influence of media on campaigns, public officials, public opinion, the definition of political news, and selected public policies. With Honors content.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS3258 - Politics in Film**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

The influence of motion pictures on popular understanding of American and international politics.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS3272 - Civic Engagement**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Junior standing and either PAD 3003 or POS 2041 or C.I.

Course Description

Formal and informal civic engagement in the United States across levels of government, sectors of society, and modes of interaction.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS3273 - Voting and Elections**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- POS 2041 or C.I.

Course Description

Theoretical and substantive inquiry into U.S. electoral system; includes focus on voter behavior as well as national and state electoral systems.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS3413 - The American Presidency**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Examination of historical and contemporary role of the presidency, including the presidential selection process and the office's evolution in status, powers, administrative responsibilities, leadership, and decision-making.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS3424 - Congress and the Legislative Process**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- POS 2041 or C.I.

Course Description

Examination of the Congress as an institution undergoing dynamic change; emphasis upon recruitment of legislators, institutional and informal rules, the committee system, legislative procedures.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS3443 - Political Parties and Processes**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- POS 2041 or C.I.

Course Description

In-depth study of the American political party system in the context of changing American politics; topics include development, organization, reforms, legislative and executive roles.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS3463 - Interest Groups
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- POS 2041 or C.I.

Course Description

Analyzes the non-electoral behavior of economics, ideological, and citizen groups; political action committees; and the proliferation of interest organizations over the past quarter century.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS3703 - Scope and Methods of Political Science
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- POS 2041 or C.I.

Course Description

The scope and methodology of political analysis. Extensive examination of the discipline, research design and methodology.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS3703H - Honors Scope and Methods**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- POS 2041 and consent of Honors.

Course Description

Scope and methodology of political analysis. Discipline-specific research design, research process, methods of investigation and analysis, survey research, sampling, qualitative research, and ethical considerations.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS3733 - Designing Political Science Research**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- POS 2041 or INR 2002 or C.I.

Course Description

Logic of inquiry, research design, literature review; research ethics; case studies and case selection; other qualitative methods, such as interview techniques and content analysis.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS3949 - Cooperative Education in Political Science
Credits Hours

0 - 99

Lab/Studio/Field Work Hours

8

Prerequisites/Corequisites

- Departmental permission required before registering.

Course Description

Cooperative education experience in political science.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS4023 - The Politics of LGBTQ+ Policy
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- ENC 1102.

Course Description

Examines LGBTQ+ politics in the US. Topics include: political activism, civil rights, socio-political backlash, political behavior and representation, marriage equality and other LGBTQ+ policies.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS4030 - The Politics of Sports
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- POS 2041 or C.I.

Course Description

Emergent concerns in sports policy, institutional interventions in sports regulations, the politics of sports arenas and teams, and civic and political engagement through sports.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS4074 - Latino Politics
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- POS 2041 or C.I.

Course Description

Political characteristics of the Latino community in the United States and its impact on U.S. national and international politics and policies.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS4142 - Metropolitan Politics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- POS 2041 or C.I.

Course Description

Analysis of political patterns, processes, and issues in American communities. Intergovernmental relations and structural and political arrangements in the existing and emerging metropolitan areas.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS4204 - Political Behavior**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- POS 2041 or C.I.

Course Description

Mass political behavior, concentrating on voting and participation, primarily in the United States.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS4206 - Political Psychology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

The psychological analysis of political behavior, with emphasis on the individual rather than the political system; includes political attitudes and communication, leadership, and personality influences on politics.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS4244 - Political Socialization**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- POS 2041 or C.I.

Course Description

Examines acquisition and development of political values, beliefs, attitudes, and opinions; how individuals learn about politics; and influences on political development, behavior, and opinion.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS4284 - Judicial Process and Politics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Study of the formal and informal judicial process. Legal culture, bureaucratic model, judicial recruitment and outputs, comparative judicial behavior.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS4300 - Research Methods and Intelligence**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- POS 3703

Course Description

The application of unique quantitative skills for intelligence research. Explores how to plan, collect, process, analyze, and disseminate analytical research products, particularly under uncertain conditions.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS4407 - The Intelligence Community**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

The intelligence community structure in its relationship to foreign policy decision making, consideration of control and reliability questions, and issues of cooperation and coordination.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS4412 - Presidential Campaigning**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- ENC 1102.

Course Description

Introduces the process of candidate selection, convention behavior, actual campaign process and the transition of power.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS4603 - American Constitutional Law I
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Development of American federalism and national power, commerce clause, and nationalization of the economy.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS4604 - American Constitutional Law II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Development of civil liberties and civil rights in the American federal system.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS4622 - Politics and Civil Rights
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Examination of civil rights issues in the context of political behavior, political institutions and public policy since 1865.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS4623 - Guns, Freedom and Citizenship
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- POS 2041, or CI

Course Description

Examines the relationship between individual gun ownership and the meaning of freedom, citizenship, and rights in the United States and selected countries.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS4682 - National Security Law
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- POS 2041 or C.I.

Course Description

Domestic and International legal authority affecting US national security and control of the key instruments of national security.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS4700 - Teaching American Politics and Government
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- POS 2041 or C.I.

Course Description

Overview of teaching and learning U.S. and Florida politics and government in elementary, middle and high school focusing on Florida civics and government benchmarks.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS4764 - GIS for Political Analysis
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- POS 2041 and ENC 1102.

Course Description

Use of mapping and other spatial methods in political science research.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS4941 - Political Science Internship
Credits Hours

0 - 99

Lab/Studio/Field Work Hours

9-Mar

Prerequisites/Corequisites

- C.I.

Course Description

Internship working with the national, state, county or municipal government. Assignments with selected civic organizations, elected or appointed officials.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POS4961 - Exit Course
Credits Hours

0

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- POS 2041 and Senior Standing.

Course Description

Complete the departmental exit exam during the semester of graduation.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POT - Political Theory

POT3206 - Political Ideals and the U.S. Constitution
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- POS 2041 or AMH 2020 or ENC 1102 or equivalent.

Course Description

Documents-based course examining the ideals and origins of those ideals shaping the U.S. Constitution. Analyzes how constitutional principles are reflected in political and governing documents.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POT3302 - Modern Political Ideologies**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- ENC 1102.

Course Description

A study of modern ideologies since the French Revolution including liberalism, conservatism, capitalism, nationalism, fascism and anarchism.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POT4003 - Political Theory**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- ENC 1102.

Course Description

Examination of various normative approaches to the study of political science, stressing contemporary developments in the field.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POT4025 - Ancient, Medieval and Early Modern Political Philosophy
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- ENC 1102.

Course Description

Study of the development of political and social ideas in western thought from early Greece through the 17th century.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POT4066 - Contemporary Political Theory
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- ENC 1102.

Course Description

Study of the contemporary debate about the status of rights, utilitarianism, and liberalism, and communitarian Marxist, libertarian, and feminist critiques of liberalism.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POT4109H - Honors Politics and Literature
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Junior standing.

Course Description

Politics and political process through the medium of literature.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POT4305 - Democracy, Capitalism, and the Individual
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- POS 2041 or C.I.

Course Description

An examination of the institutions of capitalism and democracy as the means of organizing, respectively, an economy and a polity.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POT4314 - Contemporary Democratic Theory**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Study of democratic theories, emphasizing liberal democracy and its critics, elitist theories, participatory democracy, citizen participation, and relevance of empirical research to democratic theory.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POT4331 - Utopia/Dystopia**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- ENC 1102.

Course Description

Examines political issues, such as justice, economic distribution and social organization by exploring both classic and contemporary utopias and dystopias.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

POT4632 - Religion and Politics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Institutional and individual relationship of religion and politics including globalization, fundamentalism, secularization, American exceptionalism, political behavior, and the religious origins of current secular concepts.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

PPE - Psychology of Personality**PPE3003 - Personality Theory and Research****Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- PSY 2012.

Course Description

A survey of theory and research on the development of personality characteristics.

College

College of Sciences

Department

Department of Psychology

PPE3003H - Honors Personality Theory
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- PSY 2012 and Consent of Burnett Honors College.

Course Description

Theory and research on the development of personality characteristics. With Honors content.

College

College of Sciences

Department

Department of Psychology

PSB - Psychobiology

PSB3002 - Physiological Psychology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- PSY 2012.

Course Description

The physiological basis of behavior, emphasizing the relationship between the nervous system and behavior.

College

College of Sciences

Department

Department of Psychology

PSB3002H - Honors Physiological Psychology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- PSY 2012H and consent of Honors.

Course Description

Physiological basis of behavior, emphasizing the relationship between the nervous system and behavior. With Honors content.

College

College of Sciences

Department

Department of Psychology

PSB3441 - Psychobiological Aspects of Drugs
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- PSY 2012.

Course Description

An advanced course designed for web instruction. Focuses on pharmacology, neurophysiology and neuroanatomy as the foundation of understanding behavior and social consequences of drug use.

College

College of Sciences

Department

Department of Psychology

PSB3842 - Sleep and Dreams
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- PSY 2012.

Course Description

An overview of the psychological and physiological foundations of sleep and dreams. Concrete facts and disturbances of sleep. Cultural perspectives on, and contemporary applications of dreams.

College

College of Sciences

Department

Department of Psychology

PSB4240 - Neuropsychology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- PSB 3002.

Course Description

Study of brain function, with particular emphasis on human behavior.

College

College of Sciences

Department

Department of Psychology

PSC - Physical Sciences

PSC1121 - Physical Science**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- High school algebra or MAC 1105C.

Course Description

Fundamental laws of mechanics, heat, waves, electricity, magnetism; chemical processes and equations, properties of gases, liquids, solids, solutions.

College

College of Sciences

Department

Department of Physics

PSC1801 - Physics in Films**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- High school algebra.

Course Description

Physics using film as a vehicle of education. Not open to students with credit in PSC 1121.

College

College of Sciences

Department

Department of Physics

PSC3911 - FLC Physical Science Capstone R/I
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: Junior or Senior level in chemistry or physics and C.I

Course Description

Summer capstone course with extra-mural partners, including physics and chemistry departments of the Florida Consortium of Metropolitan Universities, National laboratories and local industry.

College

College of Sciences

Department

Department of Physics

PSY - Psychology

PSY2012 - General Psychology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

A survey of the basic principles, theories, and methods of contemporary psychology, including the study of human diversity.

College

College of Sciences

Department

Department of Psychology

PSY2012H - Honors General Psychology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Permission of Honors.

Course Description

A survey of the basic principles, theories, and methods of contemporary psychology, including the study of human diversity. Honors-level content.

College

College of Sciences

Department

Department of Psychology

PSY3022C - Academic Counseling
Credits Hours

3

Lab/Studio/Field Work Hours

8

Prerequisites/Corequisites

- PSY 2012.

Course Description

Psychology majors only. Research findings, theory, models and techniques of academic counseling and career advising.

College

College of Sciences

Department

Department of Psychology

PSY3024 - Psychology: Career Readiness I
Credits Hours

2

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- PSY 2012.

Course Description

What it means to be a psychology major, career opportunities upon graduation, and different graduate school paths.

College

College of Sciences

Department

Department of Psychology

PSY3074 - Psychology: Career Readiness II
Credits Hours

2

Lab/Studio/Field Work Hours

0

Prerequisites

- PSY 2012 and PSY 3023 and Psychology BS major.

Course Description

Focuses on developing employability and taking steps toward individual career goals, in Psychology.

College

College of Sciences

Department

Department of Psychology

PSY3204C - Statistical Methods in Psychology**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites/Corequisites

- PSY 2012, and either STA 2014 or STA 2023; or C.I.

Course Description

Standard scores, confidence intervals, sampling distributions, hypothesis testing, correlation and regression as applied to research in psychology.

College

College of Sciences

Department

Department of Psychology

PSY3204K - Honors Statistical Methods in Psychology**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Course Description

Standard scores, confidence intervals, sampling distributions, hypothesis testing, correlation and regression as applied to research in psychology. With Honors content.

College

College of Sciences

Department

Department of Psychology

PSY3213C - Research Methods in Psychology**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- PSY 2012 , PSY 3204C, and either STA 2014C or STA 2023 .

Course Description

Investigation of experimental designs and research methods utilized in psychology. Laboratory outcomes will be statistically analyzed and reported in APA format.

College

College of Sciences

Department

Department of Psychology

PSY3213K - Honors Research Methods in Psychology**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- PSY 2012 , PSY 3204C and STA 2014C or STA 2023 and consent of the Honors College

Course Description

Investigation of experimental designs and research methods utilized in psychology. Laboratory outcomes will be statistically analyzed and reported in APA format. With Honors content.

College

College of Sciences

Department

Department of Psychology

PSY3302 - Psychological Measurement
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- PSY 2012 and STA 2014 or STA 2023.

Course Description

A study of the theory underlying psychological tests and measurements procedures, including reliability, validity, and item analysis.

College

College of Sciences

Department

Department of Psychology

PSY3320C - Survey Methods in Psychology
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites/Corequisites

- PSY 3204C.

Course Description

Sampling methods, questionnaire construction, and interpretation of results.

College

College of Sciences

Department

Department of Psychology

PSY3625 - Science and Pseudoscience in Psychology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- PSY 2012 or C.I.

Course Description

Critically evaluates fringe-science, paranormal, and otherwise unusual beliefs about human behavior. Scientific methodology is used to evaluate bizarre claims such as ESP, astrology, voodoo, mind control, and alien abduction.

College

College of Sciences

Department

Department of Psychology

PSY3630 - Psychology of Human-Animal Interaction**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- PSY 2012 and Psychology major, or C.I.

Course Description

Psychological aspects of human relationships with animals.

College

College of Sciences

Department

Department of Psychology

PSY3905 - Directed Independent Study
Credits Hours

0 - 99

Lab/Studio/Field Work Hours

0-99

Course Description

Directed Independent Study

College

College of Sciences

Department

Department of Psychology

PSY3951 - Undergraduate Field Work
Credits Hours

1 - 99

Prerequisites/Corequisites

- Senior standing and C.I.

Course Description

Placement in a community agency for supervised experience in applications of psychology to community problems.

College

College of Sciences

Department

Department of Psychology

PSY4025 - The Psychology of Art
Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

Discussion of the psychological perspectives on art to gain a greater understanding and enhanced appreciation for the process and products of creativity.

College

College of Sciences

Department

Department of Psychology

PSY4049 - Psychology Capstone
Credits Hours

2

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- PSB 3002 and PSY 3213C and PSY 4604, and Psychology Major.

Course Description

Refresh and apply knowledge in core areas of psychology to cutting edge research in applied disciplines.

College

College of Sciences

Department

Department of Psychology

PSY4215C - Advanced Research Methods in Psychology
Credits Hours

4

Lab/Studio/Field Work Hours

2

Prerequisites/Corequisites

- PSY 3213C and consent of honors.

Course Description

Design, analysis, and interpretation of complex research projects in psychology.

College

College of Sciences

Department

Department of Psychology

PSY4215K - Honors Advanced Research Methods in Psychology
Credits Hours

4

Lab/Studio/Field Work Hours

2

Course Description

Design, analysis, and interpretation of complex research projects in psychology with honors level content.

College

College of Sciences

Department

Department of Psychology

PSY4604 - History and Systems of Psychology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- PSY 2012 and Junior standing.

Course Description

Historical development of psychology, with emphasis on classical theoretical positions.

College

College of Sciences

Department

Department of Psychology

PSY4604H - Honors History and Systems in Psychology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- PSY 2012 and Junior standing and consent of Honors.

Course Description

Historical development of psychology, with emphasis on classical theoretical positions. With Honors content.

College

College of Sciences

Department

Department of Psychology

PSY4860 - Positive Psychology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- PSY 2012

Course Description

The scientific study of positive human experiences.

College

College of Sciences

Department

Department of Psychology

PSY4912 - Directed Independent Research
Credits Hours

0 - 9

College

College of Sciences

Department

Department of Psychology

PSY4942 - Instructional Experiences in Undergraduate Psychology
Credits Hours

1

Prerequisites/Corequisites

- PSY 2012 and CI.

Course Description

Prepares undergraduate students to more effectively learn psychology concepts by facilitating learning in variety of university psychology classrooms and labs.

College

College of Sciences

Department

Department of Psychology

PUP3014 - Comparative Public Policy
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- POS 2041 or CPO 3103 or C.I.

Course Description

Areas of public policy such as immigration, education, trade, taxation, and fiscal policy in selected countries.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

PUP3203 - Environmental Politics
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

An examination of politics and policymaking concerning issues of conservation, pollution and development of land, air, and water resources.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

PUP3204 - Sustainability**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- ENC 1102 or Junior standing.

Course Description

Environmental politics through the lens of "sustainability." Attention devoted to the relationships of culture, economics, and ecology.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

PUP3204H - Honors Sustainability**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: ENC 1102 and Consent of Honors, or CI

Course Description

Environmental politics through the lens of "sustainability." Attention devoted to the relationships of culture, economics, and ecology.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

PUP3314 - Minorities in American Politics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Historical and contemporary role of minority groups in the American political process, including an examination of their electoral significance and relevant legislative, executive, and judicial policies.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

PUP4003 - American Public Policy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- POS 2041 or C.I.

Course Description

Policy formation, implementation and evaluation, with a focus upon contemporary American problems, including the malapportionment of societal power and social conflict.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

PUP4209 - Urban Environmental Policy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Public policy, ecology, and the urban political landscape explored by tracing their development and prospects for sustainable cities.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

PUP4323 - Women and Public Policy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- POS 2041 or ENC 1102, or C.I.

Course Description

Public policies and processes that achieve a disparate impact on women and women's lives in the United States.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

PUP4404 - Education and Politics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Junior standing or C.I.

Course Description

Western education and the connection between citizenship and education, education funding, and the politics of education reform.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

PUP4503 - Government and Science**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- ENC 1102 or POS 2041 or C.I.

Course Description

Examination of interface between science and government. Focus is upon governmental support for science, social accountability, and the role of the scientist-policy maker in comparative context.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

PUP4510 - Space Policy**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- ENC 1102.

Course Description

An examination of the politics and policy-making involved with the US space program in the context of domestic demands and other international space programs.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

PUP4744 - Government and Business**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- ENC 1102.

Course Description

Analysis of public policies regarding business. Study includes various levels of government including international organizations.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

PUP4931 - Topics in Public Policy
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- ENC 1102 or POS 2041, or C.I.

Course Description

Intensive analysis of a current policy problem. Sample topics include education, growth management, housing, affirmative action, welfare, and transportation.

College

College of Sciences

Department

School of Politics, Security, and International Affairs

PUR - Public Relations

PUR3100 - Writing for Public Relations
Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites/Corequisites

- Ad-PR Majors only.

Course Description

Development of skills in writing for public relations.

College

College of Sciences

Department

Nicholson School of Communication and Media

PUR3210 - Communication Approach to Corporate Social Responsibility
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Either SPC 1608, SPC 1603C, COM 1000, or C.I.

Course Description

A communication-based approach to corporate social responsibility.

College

College of Sciences

Department

Nicholson School of Communication and Media

PUR3500 - Public Relations Research Methods
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Ad/PR BA or Strategic Communication Minor or Strategic Communication Certificate

Prerequisites/Corequisites

- STA 2014C or STA 2023

Course Description

Theory and methods of research used by media professionals and academics, focusing on advertising and public relations.

College

College of Sciences

Department

Nicholson School of Communication and Media

PUR3912 - Collaborative Experiential Research Practicum
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Either SPC 1608, SPC 1603C, COM 1000, and C.I.

Course Description

Students will work as research assistants in a team, under faculty supervision, and learn first-hand the process of conducting communication/social scientific research.

College

College of Sciences

Department

Nicholson School of Communication and Media

PUR4000 - Public Relations
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- SPC 1608, SPC 1603C, COM 1000.

Course Description

Principles and practice of Public Relations including techniques, research tools publicity, and management.

College

College of Sciences

Department

Nicholson School of Communication and Media

PUR4000H - Honors Public Relations**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Consent of Honors, and one of the following; SPC 1608, SPC 1603C, COM 1000, or C.I.

Course Description

Advanced review of principles and practice of public relations including techniques, research tools, publicity and management.

College

College of Sciences

Department

Nicholson School of Communication and Media

PUR4014 - Preparing for Public Relations Certification**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- PUR 4000, and ADV 4941 or PUR 4941, and senior standing, or C.I.

Course Description

Advanced study in the history, principles, skills, ethics of PR and preparation for the Certification in Principles of Public Relations exam administered by the UAB.

College

College of Sciences

Department

Nicholson School of Communication and Media

PUR4110C - Public Relations Publications
Credits Hours

3

Lab/Studio/Field Work Hours

3

Prerequisites/Corequisites

- Ad-PR majors and VIC 3001.

Course Description

Basic principles and techniques of desktop production of public relations publications.

College

College of Sciences

Department

Nicholson School of Communication and Media

PUR4203 - PR/Advertising Ethics and Law
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Ad-PR majors only and ADV 3008.

Course Description

Legal precedents applicable to advertising and public relations as well as ethical considerations for both.

College

College of Sciences

Department

Nicholson School of Communication and Media

PUR4400 - Crisis Communication**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- SPC 1603 or SPC 1608 or COM 1000, and Ad-PR major, or Communication and Conflict major or Mass Communication minor, or C.I.

Course Description

The theory, process, and best practices of crisis communication.

College

College of Sciences

Department

Nicholson School of Communication and Media

PUR4600 - PR Strategies**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PUR 4000, and Ad-PR major or Strategic Communication minor.

Course Description

Develops skills in PR management. Analysis of current and historical case studies, engagement in strategic planning process: researching, planning, executing and evaluating organizational PR efforts.

College

College of Sciences

Department

Nicholson School of Communication and Media

PUR4801 - Public Relations Case Studies
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Ad-PR majors only and PUR 4000 or C.I.

Course Description

Discussion and analysis of public relations cases highlighting the application of PR theory to advance organizational goals

College

College of Sciences

Department

Nicholson School of Communication and Media

PUR4903H - Honors Directed Reading I
Credits Hours

1 - 99

College

College of Sciences

Department

Nicholson School of Communication and Media

PUR4906 - Independent Study
Credits Hours

1 - 99

College

College of Sciences

Department

Nicholson School of Communication and Media

PUR4912 - Research
Credits Hours

0 - 99

College

College of Sciences

Department

Nicholson School of Communication and Media

PUR4941 - Internship**Credits Hours**

1 - 99

Lab/Studio/Field Work Hours

0

Course Description

Internship

College

College of Sciences

Department

Nicholson School of Communication and Media

PUR4970H - Honors Undergrad Thesis**Credits Hours**

1 - 99

College

College of Sciences

Department

Nicholson School of Communication and Media

QMB - Quantitative Methods in Business

QMB3003 - Quantitative Business Tools I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- MAC 1105C with a "C" (2.0) or better.

Course Description

Introduction to mathematical and statistical analysis of economics and business problems.

College

College of Business Administration

Department

Department of Economics

QMB3200 - Quantitative Business Tools II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- QMB 3003 with a grade of "C" (2.0) or better.

Course Description

The use of statistical methods as scientific tools in the analysis of economics and business problems.

Current Fee Per Student

\$20.00

College

College of Business Administration

Department

Department of Economics

QMB3310 - Spreadsheets in Business Analytics
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CGS 2100, QMB 3200 and FIN 3403

Course Description

Wide range of uses of spreadsheets for solving quantitative problems. It is designed for students pursuing a career in business analytics.

College

College of Business Administration

Department

Department of Economics

QMB3311 - Python for Business Analytics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Complete the following:
 - QMB3310 - Spreadsheets in Business Analytics (3)

Course Description

Solving quantitative problems using the Python programming language. It is designed for students pursuing a career in business analytics.

College

College of Business Administration

Department

Department of Economics

QMB3602 - Business Research for Decision Making**Credits Hours**

3

Prerequisites

- QMB 3200 Quantitative Business Tools II

Course Description

Introductory course in business research focused on the planning, collection, organization, and assimilation of quantitative information to make and present data driven business decisions.

Current Fee Per Student

\$20.00

College

College of Business Administration

Department

Department of Integrated Business

QMB4700 - Managerial Decision Making
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- GEB 3031 and MAN 3025.

Course Description

Computer-based quantitative decision models (including linear programming and extensions, queuing, network models, simulation) and decision support systems for business organizations.

College

College of Business Administration

Department

Department of Management

QMB4911 - Capstone Project in Business Analytics
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- QMB 3252

Prerequisites/Corequisites

- ECO 3410, ECO 4422, and ECO 4443

Course Description

Learners will bring together all of the tools learned in the program to solve a business analytics problem.

College

College of Business Administration

Department

Department of Economics

REA - Reading

REA1105 - College Reading I
Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

College reading improvement focusing on content areas and advanced study skills, comprehension, vocabulary growth, reading rate, note taking, and test preparation.

College

College of Community Innovation and Education

Department

School of Teacher Education

RED - Reading Education

RED3012 - Basic Foundations of Reading
Credits Hours

3

Prerequisites

- EDF 2005, admission to the Elementary Education B.S. - Pending, Elementary Education B.S - Education Track, Elementary Education B.S.- K-6 Certification track, Elementary Education B. S.- Professional Studies track, Elementary Education B.S. - Lifelong Learning Track, Exceptional Education B.S.- pending, Exceptional Education B.S., Exceptional Education B.S.-Lifelong Learning track, Early Childhood Development and Education, Track 1: Education, Pre-Kindergarten - Primary (PK-3) (B.S.) or C.I.

Course Description

Principles, procedures, and current practices for teaching reading. Specific techniques and materials for word identification, content reading and comprehension.

College

College of Community Innovation and Education

Department

School of Teacher Education

RED3310 - Early Reading, Writing and Language Arts**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the Early Childhood Program, EEC 3700, EEC 4661, EEC 4268 and gpa 2.75 or Instructor Consent

Course Description

Emergent reading/writing processes during preschool, kindergarten, and first grade; methods for implementing integrated language arts curriculum; guiding developmental early childhood language experiences.

College

College of Community Innovation and Education

Department

School of Teacher Education

RED4043 - Content Reading in Kindergarten through Grade 12**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Junior or senior standing.

Course Description

Admission to the teacher education program. Content literacy in the K-12 school curriculum; Principles, strategies, assessment, and promising practices.

College

College of Community Innovation and Education

Department

School of Teacher Education

RED4311 - Primary Reading, Writing, and Language Arts Curriculum and Assessment
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- (EEC 4604, EEC 4207, EEX 3450, RED 3012, and TSL 4240), and senior standing

Corequisites

- EEC 4235C, MAE 4300 and SCE 4304

Course Description

Methodologies for teaching and assessing young children in reading, writing, and language arts in the elementary grades.

College

College of Community Innovation and Education

Department

School of Teacher Education

RED4519 - Diagnostic and Corrective Reading Strategies
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- RED 3012

Course Description

An investigation of the needs of individual learners in reading instruction. Organization and techniques for promoting optimum reading growth. Concurrent school experiences required.

College

College of Community Innovation and Education

Department

School of Teacher Education

RED4942 - Practicum for Assessment and Instruction of Reading
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- RED 3012, RED 4519, and admission to Elementary Education B.S. - Education Track or Exceptional Student Education B.S.

Corequisites

- EDE 3942 or C.I.

Prerequisites/Corequisites

- RED 4519.

Course Description

Practicum that provides opportunity to apply knowledge of reading assessment and instruction in order to increase reading proficiency of struggling readers. Concurrent school experience required.

College

College of Community Innovation and Education

Department

School of Teacher Education

REE - Real Estate

REE3043 - Fundamentals of Real Estate
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Sophomore standing.

Course Description

Application of basic tools of economics, finance, and marketing to solve private and public sector real estate problems.

College

College of Business Administration

Department

Department of Finance

REE3433 - Real Estate Law
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Junior standing.

Course Description

An analysis of real estate law with emphasis on Florida statutes and case law.

College

College of Business Administration

Department

Department of Finance

REE3614 - Environmental Issues for Real Estate
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- REE 3043, REE 3433; open to majors or minors which require this course.

Course Description

Political, cultural, institutional and scientific mechanisms which shape environmental policy. The effects of hazard, risk and uncertainty in policy development.

College

College of Business Administration

Department

Department of Finance

REE4103 - Real Estate Appraisal and Valuation
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- FIN 3403.

Course Description

Focus on the fundamentals of real estate valuation utilizing tools of financial and economic analysis.

College

College of Business Administration

Department

Department of Finance

REE4203 - Commercial Real Estate Finance
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- FIN 3403; open to majors or minors which require this course.

Course Description

The practice of commercial real estate finance; emphasis on lender and borrower decision making and secondary markets.

College

College of Business Administration

Department

Department of Finance

REE4204 - Residential Real Estate Finance**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- FIN 3403; open to majors or minors which require this course.

Course Description

Study of the practice of residential real estate finance; emphasis on lender and borrower decision making and secondary markets.

College

College of Business Administration

Department

Department of Finance

REE4303 - Real Estate Investment Analysis**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- FIN 3403.

Course Description

Focus on real estate decision-making in the private sector utilizing tools of financial and economic analysis.

College

College of Business Administration

Department

Department of Finance

REE4312 - Real Estate Market Analysis**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- REE 3043.

Course Description

Course applies finance and economic tools to housing and commercial markets, emphasis on urban housing, real estate brokerage, effects on market performance and development.

College

College of Business Administration

Department

Department of Finance

REE4732 - Real Estate Development**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- FIN 3403.

Course Description

The real estate development process, from the inception of a project through to lease-up, long-term financing, and final sale to the investment community.

College

College of Business Administration

Department

Department of Finance

REE4933 - Advanced Topics in Real Estate
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- REE 3043 and REE 3433, or department approval.

Course Description

Advanced topics in real estate development, investment analysis, and market analysis. Cases cover the entire planning process for a real estate development or redevelopment project.

College

College of Business Administration

Department

Department of Finance

REE4941 - Internship

Credits Hours

1 - 99

Lab/Studio/Field Work Hours

1-99

Prerequisites

- Instructor Consent Required

Course Description

Internship

College

College of Business Administration

Department

Department of Finance

REL - Religion

REL2000 - Introduction to Religion and Cultural Studies**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Introduction to the fields of religion and cultural studies explored from various disciplinary perspectives with attention given to the relationship between religion and popular culture.

College

College of Arts and Humanities

Department

Department of Philosophy

REL2300 - World Religions**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Basic features and historical background of Confucianism, Taoism, Hinduism, Buddhism, Judaism, Christianity, and Islam.

College

College of Arts and Humanities

Department

Department of Philosophy

REL2300H - Honors World Religions**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Permission of Honors.

Course Description

Basic features and historical background of Confucianism, Taoism, Hinduism, Buddhism, Judaism, Christianity, and Islam. Honors-level content.

College

College of Arts and Humanities

Department

Department of Philosophy

REL3045 - Interfaith Dialogue**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- A grade of 'C' (2.0) or better in REL 2000 or REL 2300; or C.I.

Course Description

Basic concepts and issues associated with interfaith and interreligious studies.

College

College of Arts and Humanities

Department

Department of Philosophy

REL3076 - Cults, Minority Religions, and New Religious Movements**Credits Hours**

3

Prerequisites

- REL 2000 or REL 2300 or equivalent

Course Description

Theoretical and methodological issues in studying minority religions and new religious movements, including history, internal structure, socio-cultural relevance of particular cults or alternative religious movements.

College

College of Arts and Humanities

Department

Department of Philosophy

REL3101 - Religion in Popular Culture**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- REL 2000, REL 2300 or C.I.

Course Description

Religion in popular culture & popular culture as non-traditional religion by means of various postmodern, theoretical perspectives with emphasis on religious dynamics in secular culture.

College

College of Arts and Humanities

Department

Department of Philosophy

REL3111 - Religion and Philosophy Through Film**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 and either PHI 2010 or REL 2300 or FIL 1000.

Course Description

Religious & philosophical themes encountered in contemporary film. It unites religion, philosophy & film by means of a critique of cultural productions of meaning, value and purpose.

College

College of Arts and Humanities

Department

Department of Philosophy

REL3115 - Religion, Spirituality, and Popular Music
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HUM 2230 or REL 2300.

Course Description

Contemporary spiritual sensibilities encountered at the intersection of religion, philosophy, and popular music.

College

College of Arts and Humanities

Department

Department of Philosophy

REL3123 - Asian Religions in America
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- REL 2300 or REL 2000.

Course Description

Examines both the Euro-American assimilation of Asian religions and immigrant Asian religious communities. Explores cross-cultural exchange, religious innovation and cultural appropriation.

College

College of Arts and Humanities

Department

Department of Philosophy

REL3130 - Religion in America**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Complete the following:
 - REL2300 - World Religions (3)

Course Description

Religious traditions in America, their relationship to politics, popular culture, media, and society.

College

College of Arts and Humanities

Department

Department of Philosophy

REL3320 - Moses, Jesus and Muhammad**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HUM 2230, REL 2300, or C.I.

Course Description

Main themes of Judaism, Christianity, and Islam as found in the teachings of Moses, Jesus, and Muhammad.

College

College of Arts and Humanities

Department

Department of Philosophy

REL3333 - Hinduism**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HUM 2230, REL 2300, or C.I.

Course Description

A survey of the development of Hindu thought and culture from Vedic times to the Upanashids, Epic Literature to the modern age.

College

College of Arts and Humanities

Department

Department of Philosophy

REL3340 - Buddhism**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HUM 2230 or REL 2300 or C.I.

Course Description

An introduction to Buddhist thought, practices, cultures and history. It traces the development of Buddhism through South-East Asia, East Asia, Tibet and the West.

College

College of Arts and Humanities

Department

Department of Philosophy

REL3363 - Islam
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- REL 2300 or C.I.

Course Description

Development of Islamic religious thought & culture, emphasizing teachings of Qur'an, Hadith, Islamic law, & philosophy with special focus on perceptions of Islam in the West.

College

College of Arts and Humanities

Department

Department of Philosophy

REL3403 - Christianity
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Complete the following:
 - REL2300 - World Religions (3)

Course Description

Christianity & the history of associated beliefs, rituals, & art with attention to issues concerning human nature, social justice, the state, just war, science, & attitudes toward women.

College

College of Arts and Humanities

Department

Department of Philosophy

REL3432 - Mysticism**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- HUM 3431, HUM 3435, REL 3403, REL 3320, PHH 3100, or PHH 3200

Course Description

Examines the nature and patterns of mysticism as a unique form of human experience found in various cultural and religious traditions.

College

College of Arts and Humanities

Department

Department of Philosophy

REL4110 - Religion and the Arts**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- At least one of the following: HUM 2210 , HUM 2230 , ARH 2050, ARH 2051, or REL 2300.

Course Description

Art, music, dance, and ritual practices in religious traditions, with an emphasis on contemporary society.

College

College of Arts and Humanities

Department

Department of Philosophy

REL4157 - Religion and Psychoanalysis**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Complete the following:
 - REL2300 - World Religions (3)
 - REL2000 - Introduction to Religion and Cultural Studies (3)

Course Description

Interactions between psychoanalysis and religion, including multiple perspectives of psychoanalytic theorists on different religious traditions and phenomena.

College

College of Arts and Humanities

Department

Department of Philosophy

REL4178 - Religion and Law**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Complete the following:
 - POS2041 - American National Government (3)

Course Description

Ideas and events which mark the relationship of religious ideation and practice, law and politics and cultural values which inform them.

College

College of Arts and Humanities

Department

Department of Philosophy

REL4180 - Religion and Medicine**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing and REL 2300 or C.I.

Course Description

A comparative study of the approaches toward medicine and healing in different religious traditions, both in the US and abroad.

College

College of Arts and Humanities

Department

Department of Philosophy

REL4180H - Honors Religion and Medicine**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102H, Junior standing and Consent of Honors.

Course Description

Comparative study of the approaches toward medicine & healing in different religious traditions in the U.S. and in the wider world. With Honors content.

College

College of Arts and Humanities

Department

Department of Philosophy

REL4496 - Key Concepts in Religion and Cultural Studies
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- REL 2000, or C.I.

Course Description

Study of the development, meaning, and implications of a central concept in Religious Studies.

College

College of Arts and Humanities

Department

Department of Philosophy

REL4910 - Senior Research Seminar
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Senior standing and Religious Studies major, or C.I.

Course Description

Capstone course on research, developing effective oral and written communication skills.

College

College of Arts and Humanities

Department

Department of Philosophy

REL4936 - Key Figures in Religion and Cultural Studies
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- REL 2000, or C.I.

Course Description

Study of a central figure's work, influences, and effect.

College

College of Arts and Humanities

Department

Department of Philosophy

RTV - Radio Television

RTV2100 - Writing for the Electronic Media
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- ENC 1102, RTV Major.

Course Description

Practical experience in writing for various electronic media including radio, television, corporate, and digital media. Scripting requirements, writing styles and creative applications.

College

College of Sciences

Department

Nicholson School of Communication and Media

RTV3007 - Development and Structure of Electronic Media and New Technology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- SPC 1608 or SPC 1603C or COM 1000 or C.I.

Course Description

Nature of the media, the mechanics of operation of analog and digital systems, history, economics, programming, and internal and external controls.

College

College of Sciences

Department

Nicholson School of Communication and Media

RTV3301 - Electronic Journalism I

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Journalism major and a minimum grade of "C" (2.0) in JOU 2100C.

Course Description

Newswriting and newsgathering skills and strategies and their accompanying ethical considerations for analog and digital delivery of broadcast journalism.

Current Fee Per Student

\$17.00

College

College of Sciences

Department

Nicholson School of Communication and Media

RTV3304 - Electronic Journalism II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Journalism major, and a minimum grade of "C" (2.0) in RTV 3301 and RTV 3321 or C. I.

Prerequisites/Corequisites

- Journalism major, and a minimum grade of "C" (2.0) in RTV 3301 and RTV 3321 or C. I.

Course Description

Newswriting and newsgathering strategies learned in RTV 3301 are integrated into a newsgathering context for actual production of analog and digital radio and television news packages.

Current Fee Per Student

\$23.00

College

College of Sciences

Department

Nicholson School of Communication and Media

RTV3321C - Electronic News Gathering**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites/Corequisites

- JOU 2100 and status as either an RTV or Journalism major, or C.I.

Course Description

An introduction to the profession and video news. Students plan, research, report, write and execute electronic news productions from concept to finished product.

Current Fee Per Student

\$20.00

College

College of Sciences

Department

Nicholson School of Communication and Media

RTV3511 - Production Fundamentals and Aesthetics of Electronic Media**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Either SPC 1608, SPC 1603, or COM 1000, or C.I.

Course Description

Technical and creative concepts of analog and digital electronic media production for radio, television, and multimedia delivery systems.

College

College of Sciences

Department

Nicholson School of Communication and Media

RTV3531 - Principles of Videography**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- RTV 3511 and RTV Major.

Corequisites

- RTV 3576C

Course Description

Technical and aesthetic requirements of analog and digital single-camera video production, including techniques for electronic news gathering (ENG) and electronic field production (EFP). Students should expect significant work in the RTV facility outside of class.

Current Fee Per Student

\$24.00

College

College of Sciences

Department

Nicholson School of Communication and Media

RTV3543C - Principles of Studio Production**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- RTV Major - Production Specialization; RTV 3511

Course Description

Analog and digital television studio production including audio mixers, microphones, tape recorders, cameras, video switchers, lighting, and electronic graphics. Significant work in RTV facility outside of class.

Current Fee Per Student

\$25.00

College

College of Sciences

Department

Nicholson School of Communication and Media

RTV3556C - Audio Production I**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites/Corequisites

- RTV 3511 and RTV Major- Production Specialization.

Course Description

Audio production theory & recording techniques utilizing various microphone types, & digital non-linear audio computer-based editing equipment. Significant work in RTV facility outside of class.

Current Fee Per Student

\$17.00

College

College of Sciences

Department

Nicholson School of Communication and Media

RTV3571C - Advanced Video Post-Production**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites/Corequisites

- RTV 3531 and RTV Major - Production Specialization.

Course Description

Advanced post-production techniques for analog and digital video, including A/B roll time code editing, digital video effects, electronic graphics, and non-linear video.

Current Fee Per Student

\$20.00

College

College of Sciences

Department

Nicholson School of Communication and Media

RTV3576C - Principles of Post Production**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: RTV 3007 and RTV 3511 and RTV major

Corequisites

- RTV 3531 Principles of Videography

Course Description

Basic theories and conventions applied to editing video and audio, and the role of the editor in visual storytelling.

Current Fee Per Student

\$12.00

College

College of Sciences

Department

Nicholson School of Communication and Media

RTV3581C - Lighting and Advanced Videography**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- RTV 3543C or RTV 3531C, and RTV Major - Production Specialization

Prerequisites/Corequisites

- RTV 3543C or RTV 3531C, and RTV Major - Production Specialization

Course Description

Basic lighting techniques for both studio and location, single and multiple-camera video production. Students should expect significant work in the RTV facility outside of class.

Current Fee Per Student

\$24.00

College

College of Sciences

Department

Nicholson School of Communication and Media

RTV3590C - Production of Interactive Multimedia**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites/Corequisites

- CGS 1060C; major status in R-TV, Ad-PR, Journalism, Organizational and Interpersonal Communication.

Course Description

Practice and production of electronic interactive multimedia for the broadcast industry. Students should expect significant work in the RTV facility outside of class.

Current Fee Per Student

\$12.00

College

College of Sciences

Department

Nicholson School of Communication and Media

RTV3601C - Broadcast Announcing and Performance
Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites/Corequisites

- RTV Major or JOU Major, Junior standing, or C.I.

Course Description

Development of performance skills and techniques required to be a performer in any area of broadcast television and performing industry, with emphasis on announcing, interviewing, reporting, auditioning, performance in scenes and commercials. Expect extensive studio work in the RTV facility outside the class.

Current Fee Per Student

\$17.00

College

College of Sciences

Department

Nicholson School of Communication and Media

RTV3942L - Practicum
Credits Hours

1 - 3

Lab/Studio/Field Work Hours

9

Prerequisites/Corequisites

- C.I., RTV Major, and either RTV 3556C, RTV 3543C, or RTV 3531.

Course Description

Student will serve in some position of responsibility for UCF Weekly News or other RTV program.

College

College of Sciences

Department

Nicholson School of Communication and Media

RTV4401 - Mass Media Effects
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: RTV 4403

Course Description

How people process mass media messages, and in turn, what effects they have on individuals.

College

College of Sciences

Department

Nicholson School of Communication and Media

RTV4403 - Electronic Media, Technology, and Society
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- MMC 2004 and Journalism major; or

Course Description

Theories of mass communication, mass communication effects, and emerging communication technologies, including digital media.

College

College of Sciences

Department

Nicholson School of Communication and Media

RTV4406 - Electronic Media Audience Measurement
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: Radio Television major and RTV 3007 or CI

Course Description

Audience research applied in broad range of media industries including broadcasting and social media.

College

College of Sciences

Department

Nicholson School of Communication and Media

RTV4503 - Sports Programming in Electronic Media
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Either SPC 1608, COM 1000, RTV 3007, or C.I.

Course Description

Factors that determine how sporting events are constructed for programming on broadcast stations, cable television, and other forms of electronic media.

College

College of Sciences

Department

Nicholson School of Communication and Media

RTV4505 - Program Issues for TV & Motion Pictures**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites/Corequisites

- RTV 3007 or FIL 2030 or C.I.

Course Description

An examination of program development theories, strategies and issues in the television and motion picture industries. Students should expect significant work in the RTV lab facility outside of class.

College

College of Sciences

Department

Nicholson School of Communication and Media

RTV4544 - Media Production Capstone**Credits Hours**

4

Lab/Studio/Field Work Hours

0

Prerequisites

- RTV 3531, RTV3576C , RTV 3543C and departmental consent.

Course Description

Advanced techniques in production and directing television programs and video projects both in-studio and on-location.

Current Fee Per Student

\$24.00

College

College of Sciences

Department

Nicholson School of Communication and Media

RTV4561C - Radio Production and Programming**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites/Corequisites

- RTV 3511 and RTV Major - Production or Media Management & Operations specialization.

Course Description

Study and production of current radio formats, the integration of digital resources, and their effects on today's radio listener. Students should expect significant work in the RTV lab facility outside of class.

Current Fee Per Student

\$12.00

College

College of Sciences

Department

Nicholson School of Communication and Media

RTV4591C - Webcasting I**Credits Hours**

3

Lab/Studio/Field Work Hours

1

Prerequisites

- RTV Major

Prerequisites/Corequisites

- RTV 3590C

Course Description

Presentation of broadcast material on web. Integrates the distribution of radio, television, & web content. Significant work in the RTV lab facility outside of class.

Current Fee Per Student

\$15.00

College

College of Sciences

Department

Nicholson School of Communication and Media

RTV4681C - Television News**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- Complete all of the following
 - Journalism major, C.I. or
 - Earn a minimum grade of C in each of the following:
 - RTV3304 - Electronic Journalism II (3)

Course Description

Weekly campus newscast production. Daily newsgathering/production conducted by students under advisement of instructor functioning as news director. Significant work in RTV lab outside classroom.

Current Fee Per Student

\$25.00

College

College of Sciences

Department

Nicholson School of Communication and Media

RTV4700 - Regulation of Broadcasting**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- RTV Major or Mass Comm. minor, and RTV 3007.

Course Description

Federal, state, local and self-regulatory agencies and practices which govern electronic media.

College

College of Sciences

Department

Nicholson School of Communication and Media

RTV4800 - Broadcast Management
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- RTV Majors only.

Course Description

Examination of broadcast management problems in station operations at local, regional, and national levels.

College

College of Sciences

Department

Nicholson School of Communication and Media

RTV4906 - Directed Independent Study
Credits Hours

1 - 99

College

College of Sciences

Department

Nicholson School of Communication and Media

RTV4941 - Internship
Credits Hours

1 - 99

College

College of Sciences

Department

Nicholson School of Communication and Media

RUS - Russian Language

RUS1120 - Elementary Russian Language and Civilization I
Credits Hours

4

Lab/Studio/Field Work Hours

1

Course Description

Introduces the student to Russian culture through the major language skills: listening, speaking, reading and writing. Open only to students with no experience in this language.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

RUS1121 - Elementary Russian Language and Civilization II
Credits Hours

4

Lab/Studio/Field Work Hours

1

Prerequisites

- RUS 1120 or equivalent.

Course Description

Continuation of RUS 1120.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

RUS2200 - Intermediate Russian Language and Civilization I
Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites

- RUS 1121 or equivalent.

Course Description

Development of language skills and cultural knowledge at the intermediate level.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

RUS2201 - Intermediate Russian Language and Civilization II
Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites

- RUS 2200 or equivalent.

Course Description

Continuation of RUS 2200, with emphasis on Russian civilization.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

RUS3240 - Russian Conversation
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- RUS 2201 or equivalent.

Course Description

Development of skills in conversation and comprehension through practice.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

RUS3760 - Advanced Russian Oral Communication
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- RUS 2201 or equivalent.

Course Description

Vocabulary building with systematic training in diction and locution. Speeches and oral presentations as well as production and delivery of real-life dialogues.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

RUT - Russian Culture in Translation

RUT3505 - Russian Culture and Civilization

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or C.I.

Course Description

Russian culture and civilization through a variety of topics and media.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SCC - Security

SCC3003 - Physical Security

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- SCC 3311 or C.I.

Course Description

Concepts and procedures for the development, implementation, and management of a physical security program and its application to assets protection.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

SCC3311 - Security Administration
Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

Discussion of modern security administration and security-law enforcement interface, emphasizing a systems approach and utilizing the design of a security plan for a plant.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

SCC3316 - Transportation Security
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- CCJ 3024

Course Description

This course examines the intersection between the transportation security industry, public law enforcement and private security.

College

College of Community Innovation and Education

Department

Department of Criminal Justice

SCE - Science Education

SCE3053 - Elementary Science for Teaching**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: Admission to Elementary Education B.S. Pending, Education Track, K-6 Certification Track, Professional Studies Track, Lifelong Learning Track or C.I.

Course Description

This course offers a content knowledge base for elementary school science to address national and state standards.

College

College of Community Innovation and Education

Department

School of Teacher Education

SCE3310 - Teaching Science in Elementary School**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SCE 3XXX Elementary Science for Teaching and admission to Elementary Education B.S - Education Track or Lifelong Learning Track or C.I.

Corequisites

- SCE 3XXX Elementary Science for Teaching and admission to Elementary Education B.S - Education Track or Lifelong Learning Track or C.I.

Prerequisites/Corequisites

- SCE 3XXX Elementary Science for Teaching and admission to Elementary Education B.S - Education Track or Lifelong Learning Track or C.I.

Course Description

Selected concepts; organizing for instruction; techniques; evaluation procedures.

Current Fee Per Student

\$10.00

College

College of Community Innovation and Education

Department

School of Teacher Education

SCE4304 - Teaching Science and Technology to Young Children**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- (EEC 4604, EEC 4207, EEX 3450, RED 3012, and TSL 4240), and senior standing

Corequisites

- EEC 4235C, MAE 4300, and RED 4311

Course Description

Provides the knowledge and skills needed to plan and implement a discovery science/design technology program for young children in an integrated, interactive curriculum.

College

College of Community Innovation and Education

Department

School of Teacher Education

SCE4360 - Science Instructional Analysis**Credits Hours**

4

Lab/Studio/Field Work Hours

0

Corequisites

- SCE 3940.

Prerequisites/Corequisites

- EDG 4410 or C.I.;

Course Description

Course objectives for a school curriculum and methods and materials for the middle grades and high school.

Current Fee Per Student

\$10.00

College

College of Community Innovation and Education

Department

School of Teacher Education

SCE4361 - Programs in Teaching Science**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Admission to the Bachelor of Science in Science Education program or C.I.

Course Description

Special programs, strategies, and materials for middle and secondary school science education majors.

College

College of Community Innovation and Education

Department

School of Teacher Education

SCE4633 - Secondary Science Curriculum**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: Admission to Secondary Education B.S Pending or Secondary Education B.S. Science Education Track or Lifelong Learning Track or C.I.

Course Description

This course examines science curricula (Grades 6-12 and strategies for promoting conceptual development, inquiry learning, technology, and social justice for all students.

College

College of Community Innovation and Education

Department

School of Teacher Education

SCE4933 - Seminar on Secondary Science Education**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to Secondary Education B.S. - Science Education Track or Science Education Lifelong Learning Track, or Science Education minor, or C.I.

Course Description

This seminar examines the nature of science, major philosophical and historical developments of science, and their implications on the science classroom.

College

College of Community Innovation and Education

Department

School of Teacher Education

SLS - Student Life Skills

SLS1282 - Foundations of American University Life**Credits Hours**

1

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- C.I.

Course Description

Orientation of international students to American cultural contexts. Success through active, learner-centered dynamics. Methods to sustain student success beyond the first year and the university.

College

College of Community Innovation and Education

Department

Department of Educational Leadership & Higher Education

SLS1501 - Strategies for Success in College
Credits Hours

1 - 3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- First Time in College (FTIC) standing or C.I.

Course Description

Assist student transition to the University by developing important academic, life, and study skills that promote student success and persistence through first year and beyond.

College

College of Community Innovation and Education

Department

Department of Educational Leadership & Higher Education

SLS2311C - Overview of Select Medical Careers
Credits Hours

2

Lab/Studio/Field Work Hours

1

Course Description

An overview of the pre-health professions process for careers in medicine, dentistry, veterinary, optometry, pharmacy, podiatry, and chiropractic.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

SLS2400 - Personal Leadership**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Enrolled in IES Program.

Course Description

An entryway into personal leadership, motivation, finances, integrity, and time management. Topics covered include budgeting, intrinsic versus extrinsic motivation, intercultural competence, and career management.

College

College of Community Innovation and Education

Department

Department of Counselor Education & School Psychology

SLS2715 - Peer Educator Leadership**Credits Hours**

2

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Orientation Team Members or C.I.

Course Description

Training peer educators in helping strategies applicable to their peer leadership positions.

College

College of Community Innovation and Education

Department

Department of Educational Leadership & Higher Education

SLS3933 - COS New Transfer Seminar
Credits Hours

1

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- COS Major; First-term transfer student with 60+ hours.

Course Description

Designed to help new transfer students connect, acclimate and succeed at UCF and in the College of Sciences. Students will explore their respective College of Sciences majors, develop relevant skills and discover how or if their major aligns with their goals and intended career.

College

College of Sciences

Department

College of Sciences Dean's Office

SOP - Social Psychology

SOP2772 - Sexual Behavior
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- PSY 2012.

Course Description

Physiological, social, and clinical aspects of human sexuality.

College

College of Sciences

Department

Department of Psychology

SOP3004 - Social Psychology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- PSY 2012.

Course Description

Effects of social situations and social variables on the behavior of individuals.

College

College of Sciences

Department

Department of Psychology

SOP3723 - Cross Cultural Psychology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- PSY 2012.

Course Description

Exploration of theories, issues, and research concerned with the psychological understanding of under-represented minority groups.

College

College of Sciences

Department

Department of Psychology

SOP3724 - Psychology of Prejudice**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- PSY 2012.

Course Description

Examination of literature relating to prejudice toward groups and individuals, development and maintenance of prejudice, and possible ways to reduce prejudice.

College

College of Sciences

Department

Department of Psychology

SOP3742 - Psychology of Women**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- PSY 2012.

Course Description

Examination of the psychological impact of changing sex roles on women in modern society. Topics include child rearing, working women, and sex differences in personality and cognition.

College

College of Sciences

Department

Department of Psychology

SOP3751 - Legal Aspects of Psychology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- PSY 2012 or SYG 2000, or C.I.

Course Description

Ethical and legal dilemmas and issues in the practice of psychology.

College

College of Sciences

Department

Department of Psychology

SOP3784 - Psychology of Diversity
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- PSY 2012.

Course Description

A review of the contributions of psychology to the understanding of human diversity related to ethnic background, gender, sexuality, and belief systems.

College

College of Sciences

Department

Department of Psychology

SOW - Social Work

SOW2020 - Careers in Creating Social Change**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Introduces students to the field of social services, with emphasis on the social work profession and other careers that create social change.

College

College of Health Professions and Sciences

Department

School of Social Work

SOW3104 - Human Behavior and the Social Environment I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Junior Standing or C.I.

Course Description

Skill development in assessing "person-in-environment" throughout life cycle. Study interaction of bio-psycho-social, cultural, and systemic influences on human functioning. Open to non-majors and pending social work majors.

College

College of Health Professions and Sciences

Department

School of Social Work

SOW3111 - Human Behavior and the Social Environment II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Admission to BSW Program and SOW 3104.

Course Description

Development of skills in assessing families, groups, organizations, and communities, their impact on human functioning, and their potential for providing social support.

College

College of Health Professions and Sciences

Department

School of Social Work

SOW3284 - Social Work Perspectives on Social Justice
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Junior Standing or C.I.

Course Description

Examination of the social justice mission of the social work profession. Addresses professional values, the rights of populations served, and justice within practice fields.

College

College of Health Professions and Sciences

Department

School of Social Work

SOW3300 - Practice I: Generalist Practice in Social Work
Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites/Corequisites

- Admin. to Social Work Program.

Course Description

Study of social work functions, knowledge, values, and skills. Development of ability to use a generalist model of practice.

College

College of Health Professions and Sciences

Department

School of Social Work

SOW3352 - Practice II: Interpersonal Skills in Social Work
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites/Corequisites

- SOW 3300.

Course Description

Study and practice of interviewing, group leadership, written communication, and oral presentations, in consensual as well as conflictual contexts of social work.

College

College of Health Professions and Sciences

Department

School of Social Work

SOW3401 - Social Work Research
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- STA 2014 or STA 2023.

Course Description

Study of quantitative and qualitative methods of building knowledge for social work and the ethical use of research in professional practice.

College

College of Health Professions and Sciences

Department

School of Social Work

SOW3620 - Culturally Competent Social Work Practice
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- SOW 3284 and SOW 3104;

Course Description

Social work intervention and skill development needed to serve oppressed groups.

College

College of Health Professions and Sciences

Department

School of Social Work

SOW3740 - Social Work Practice with Loss & Life's Transitions**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Junior Standing or C.I.

Course Description

A wide range of losses across the life span will be presented from a strengths perspective. Assessment & intervention recognizing cultural differences will be addressed.

College

College of Health Professions and Sciences

Department

School of Social Work

SOW4133 - Aspects of Sexuality & Spirituality in Social Work Practice**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- (SOW 3284 and SOW 3620) or C.I.

Course Description

Aspects of sexuality and spirituality as they relate to the social work profession. Addresses personal and professional values in practice.

College

College of Health Professions and Sciences

Department

School of Social Work

SOW4148 - Introduction to Military & Veteran Culture for Social Work Practice
Credits Hours

3

Lab/Studio/Field Work Hours

0

Corequisites

- SOW 3284 or C.I.

Prerequisites/Corequisites

- Junior standing;

Course Description

An introduction to military life providing specific ways to better understand, communicate, and effectively interact with military, veterans, and their families.

College

College of Health Professions and Sciences

Department

School of Social Work

SOW4232 - Social Welfare Policies and Issues

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- SOW 3284.

Course Description

Development of skills needed to critically analyze social welfare goals, structures, and practices. Proposes improvements in societal resource systems.

College

College of Health Professions and Sciences

Department

School of Social Work

SOW4283 - Social Work and the Law
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Junior Standing or C.I.

Course Description

An overview of the legal system focusing on roles social workers play within the courts and legal processes pertaining to family law, mental health, child welfare.

College

College of Health Professions and Sciences

Department

School of Social Work

SOW4322 - Social Work Practice with Groups
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- SOW 3104 and Junior Standing.

Course Description

Provide theories and skills of generalist social work practice with small groups in a wide range of social service agencies and with diverse client populations.

College

College of Health Professions and Sciences

Department

School of Social Work

SOW4341 - Micro-Level Roles and Interventions in Social Work
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites/Corequisites

- SOW 3300, SOW 3352.

Course Description

Study and simulated practice of roles and tasks in systemic problem solving with individuals, families and supportive and remedial groups.

College

College of Health Professions and Sciences

Department

School of Social Work

SOW4343 - Macro-Level Roles and Interventions in Social Work
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites/Corequisites

- SOW 3300, SOW 3352.

Course Description

Study and simulated practice of roles and tasks in systemic problem solving to obtain and improve social welfare resources within organizations and communities.

College

College of Health Professions and Sciences

Department

School of Social Work

SOW4510 - Field Education**Credits Hours**

9

Lab/Studio/Field Work Hours

28

Corequisites

- SOW 4522.

Prerequisites/Corequisites

- Completion of required courses in major: GPA 2.5 in major.

Course Description

Supervised learning experiences in agencies that relate social work practice to theory, requiring 420 clock hours in the field.

College

College of Health Professions and Sciences

Department

School of Social Work

SOW4515 - Part Time Field Education Seminar**Credits Hours**

1 - 2

Lab/Studio/Field Work Hours

0

Corequisites

- SOW 4941.

Prerequisites/Corequisites

- Completion of all other required social work courses for the major and

Course Description

Weekly seminar to examine the field experience and to relate theory with practice situations.

College

College of Health Professions and Sciences

Department

School of Social Work

SOW4522 - Field Education Seminar
Credits Hours

3

Lab/Studio/Field Work Hours

1

Corequisites

- SOW 4510.

Prerequisites/Corequisites

- Completion of required courses in major

Course Description

Weekly seminar to examine the field experience and to relate theory with practice situations.

College

College of Health Professions and Sciences

Department

School of Social Work

SOW4602 - Social Work in Health Settings
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Junior Standing or C.I.

Course Description

Study of social work roles, interventions, and issues related to helping patients in health settings.

College

College of Health Professions and Sciences

Department

School of Social Work

SOW4645 - Social Services for the Elderly
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Junior Standing or C.I.

Course Description

Development of interventive skills for obtaining, providing, and improving social services in behalf of elderly persons and their families.

College

College of Health Professions and Sciences

Department

School of Social Work

SOW4650 - Child Abuse: Treatment and Prevention
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- SOW 3300 and Admission to BSW program or C.I.

Course Description

The social worker's role and interventions with victims of child abuse and their family members.

College

College of Health Professions and Sciences

Department

School of Social Work

SOW4654 - Children's Services**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- (Admission to BSW program) or

Course Description

Study of societal responses to children's needs. Development of skills for preventing family breakdown, placing children in alternative care, and reuniting children with their families.

College

College of Health Professions and Sciences

Department

School of Social Work

SOW4673 - Social Work Practice: The Lesbian, Gay, Bisexual, and Transgendered (+) Experience**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Corequisites

- SOW 3620.

Prerequisites/Corequisites

- SOW 3284, SOW 3300, and Junior standing or C.I;

Course Description

Sexual orientation and cultural diversity, policies and resources affecting lesbian, gay, bisexual, transgendered (+) people, community based therapeutic and preventive interventions.

College

College of Health Professions and Sciences

Department

School of Social Work

SOW4705 - Prevention and Treatment of Adolescent Substance Abuse
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Junior Standing.

Course Description

An in-depth review of prevention, intervention, and treatment, recovery and relapse issues and public policies regarding adolescents with substance abuse problems

College

College of Health Professions and Sciences

Department

School of Social Work

SOW4706 - Intervention with Substance Abusers
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Junior Standing.

Course Description

Strategies for working with persons who abuse alcohol, other drugs and substances.

College

College of Health Professions and Sciences

Department

School of Social Work

SOW4730 - Documentation in Social Work Practice
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- SOW 3300 and SOW 3352. For Social Work majors only.

Course Description

Development of documentation skills for the delivery of social work services in various agency settings.

College

College of Health Professions and Sciences

Department

School of Social Work

SOW4754 - Forensic Social Work Theory and Practice
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Junior Standing or C.I.

Course Description

The role of social workers within the courts and criminal justice system.

College

College of Health Professions and Sciences

Department

School of Social Work

SOW4794 - Social Work with Immigrants and Refugees**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- SOW 3620 and Junior Standing, or C.I.

Course Description

Social work practice with immigrants and refugees; specifically addressing social policies, programs and legal issues impacting from a national and an international perspective.

College

College of Health Professions and Sciences

Department

School of Social Work

SOW4941 - Internship**Credits Hours**

1 - 99

College

College of Health Professions and Sciences

Department

School of Social Work

SPA - Speech Pathology and Audiology

SPA3002 - Introduction to Communication Sciences and Disorders**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PSY 2012

Course Description

Basic principles of speech-language pathology and audiology. For beginning and prospective majors in Communication Sciences and Disorders.

College

College of Health Professions and Sciences

Department

School of Communication Sciences and Disorders

SPA3011 - Speech Science**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102

Course Description

Study and analysis of the physical, physiological, and perceptual aspects of the acoustic signal as related to speech production.

College

College of Health Professions and Sciences

Department

School of Communication Sciences and Disorders

SPA3011L - Speech Production lab**Credits Hours**

1

Lab/Studio/Field Work Hours

1

Corequisites

- SPA 3011.

Prerequisites/Corequisites

- SPA 3112C.

Course Description

Physiological and acoustic measurement of speech production

College

College of Health Professions and Sciences

Department

School of Communication Sciences and Disorders

SPA3101 - Physiological Bases of Speech**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPA 3471

Corequisites

- SPA 3471

Prerequisites/Corequisites

- SPA 3471

Course Description

An introduction to the anatomical, physiological, and physical elements underlying the communication process.

College

College of Health Professions and Sciences

Department

School of Communication Sciences and Disorders

SPA3104 - Neural Bases of Communication**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Sophomore standing

Corequisites

- Complete the following:
 - Course Not Found

Course Description

Structures and functions of the nervous system involved in communication and its disorders.

College

College of Health Professions and Sciences

Department

School of Communication Sciences and Disorders

SPA3112C - Basic Phonetics**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- ENC 1102

Course Description

Physiological descriptions and visual notation of standard speech patterns and regional dialects. Phonetics lab focuses on IPA transcription of normal speech patterns.

College

College of Health Professions and Sciences

Department

School of Communication Sciences and Disorders

SPA3112L - Basic Phonetics Lab**Credits Hours**

1

Lab/Studio/Field Work Hours

1

Corequisites

- SPA 3112C.

Course Description

Practice in the transcription of normal and deviant speech samples.

College

College of Health Professions and Sciences

Department

School of Communication Sciences and Disorders

SPA3123C - Speech Science II: Perception**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- SPA 3011C Speech Science I: Production (with lab component)

Course Description

Study of how speech is produced, how it is transformed into an acoustic signal, and how that acoustic signal is measured as well as laboratory techniques used in investigating human speech perception.

College

College of Health Professions and Sciences

Department

School of Communication Sciences and Disorders

SPA3123L - Speech Perception Lab**Credits Hours**

1

Lab/Studio/Field Work Hours

1

Corequisites

- SPA 3123C.

Course Description

Laboratory techniques used in investigating human speech perception.

College

College of Health Professions and Sciences

Department

School of Communication Sciences and Disorders

SPA3412 - Communication and Cognition: Brain Stories**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPA 3002

Course Description

A case study approach to communicative-cognitive processes and disorders in brain injury.

College

College of Health Professions and Sciences

Department

School of Communication Sciences and Disorders

SPA3471 - Communication Disorders in Literature and Media**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- PSY 2012 or SYG 2000.

Course Description

Exploration of communication disorders in literature and media, emphasizing psychosocial, academic, vocational, and familial challenges as well as society's perceptions of individuals with communication disorders.

College

College of Health Professions and Sciences

Department

School of Communication Sciences and Disorders

SPA3472 - Behavioral Methods in Communication Disorders**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- SPA 3002

Course Description

Evidence-based methods addressing behavioral, social/emotional, and communication challenges of persons with communicative disorders. Design, implement and evaluate behavioral methods, intervention plans, and therapeutic goals for children with communicative disorders.

College

College of Health Professions and Sciences

Department

School of Communication Sciences and Disorders

SPA4032 - Audiology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- SPA 3101 and Junior Standing, or C.I.

Course Description

Physics of sound, anatomy of hearing mechanism, pure tone audiometry, hearing aids, problems of the deaf and hard of hearing. Clinical skills development required.

College

College of Health Professions and Sciences

Department

School of Communication Sciences and Disorders

SPA4326 - Hearing Disorders Across the Lifespan
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPA 3011 or SPA 3011C and SPA 4032 and Senior Standing or C.I.

Course Description

Primary and secondary consequences of hearing loss across the lifespan including hearing impairments and communication limitations.

College

College of Health Professions and Sciences

Department

School of Communication Sciences and Disorders

SPA4400 - Language Disorders Across the Life Span
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- LIN 3716 and Junior Standing, or C.I.

Course Description

Etiology, assessment, and management of language disorders in children, adolescents, and adults, including those associated with autism, traumatic brain injury, learning disabilities, and dementia.

College

College of Health Professions and Sciences

Department

School of Communication Sciences and Disorders

SPA4476 - Speech Disorders Across the Lifespan
Credits Hours

3

Prerequisites/Corequisites

- SPA 3101, and SPA 3112C and Junior Standing, or C.I.

Course Description

Causes and characteristics of speech and swallowing disorders in children and adults, including those affecting articulation, phonation, resonance, fluency, and feeding and swallowing.

College

College of Health Professions and Sciences

Department

School of Communication Sciences and Disorders

SPA4478 - Multicultural Aspects of Communication Disorders & Differences
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- LIN 3716, Senior Standing, or C.I.

Course Description

Cultural and linguistic diversity among individuals with communication disorders and differences. Special emphasis on African, Hispanic, Asian, and Native American.

College

College of Health Professions and Sciences

Department

School of Communication Sciences and Disorders

SPA4555 - Counseling in Communication Disorders
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- SPA 3471 or C.I.

Course Description

Practical interviewing and counseling in the area of communication disorders.

College

College of Health Professions and Sciences

Department

School of Communication Sciences and Disorders

SPA4634 - Educational Implications of Deafness
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- ASL 2510.

Course Description

Impact of deafness on the educational process. The impact of deafness on the individual, their family, and the classroom will be discussed.

College

College of Health Professions and Sciences

Department

School of Communication Sciences and Disorders

SPA4803 - Research Methods in Communication Sciences and Disorders

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- STA 2014 or STA 2023.

Course Description

Approaches, methods, and techniques of research in Communication Sciences and Disorders are considered through lecture, discussion, and group participation.

College

College of Health Professions and Sciences

Department

School of Communication Sciences and Disorders

SPA4870C - Capstone Course:

Credits Hours

3

Lab/Studio/Field Work Hours

1

Corequisites

- All required CS&D courses.

Course Description

Integration of essential topics in communication sciences and disorders through curriculum content reviews and community experiences.

College

College of Health Professions and Sciences

Department

School of Communication Sciences and Disorders

SPB - Sports Business

SPB3003 - Introduction to Sport Business Management**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Sophomore Standing.

Course Description

The sport industry and the principles and applications of sport business management in professional, collegiate, and Olympic sport.

College

College of Business Administration

Department

DeVos Sport Business Management

SPB3119H - Honors Application of Business Analytics in Sport**Credits Hours**

3

Prerequisites

- Sophomore standing and consent of Honors

Course Description

This course will provide Burnett Honors College students with an introductory overview of sport business analytics concepts

College

College of Business Administration

Department

DeVos Sport Business Management

SPB3603 - Diversity and Social Issues in Sport Business Management**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- SPB 3003 with a "C" (2.0) or better.

Course Description

Diversity, social issues, social responsiveness, and financial performance in professional, collegiate, and Olympic sport.

College

College of Business Administration

Department

DeVos Sport Business Management

SPB3823 - The Role of Business Entrepreneurship in Sports/Entertainment**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- SPB 3003 with a "C" (2.0) or better.

Course Description

Analyzes business entrepreneurship in sport/entertainment by examining various entrepreneurs and cultural movements in business organizations. Theories/concepts of business and entrepreneur behavior are applied.

College

College of Business Administration

Department

DeVos Sport Business Management

SPB4251 - Business Law in Sport & Entertainment
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPB 3003 with a "C" (2.0) or better.

Course Description

Understanding of the legal issues involved in the operation and management of organizations in the sport and entertainment industries.

College

College of Business Administration

Department

DeVos Sport Business Management

SPB4304 - Sports Event and Facility Management
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- SPB 3003 with a "C" (2.0) or better.

Course Description

The principles of facility and event management in sport business and their applications in professional, collegiate, and Olympic sport.

College

College of Business Administration

Department

DeVos Sport Business Management

SPB4804 - Sport Business and Media
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- SPB 3003 with a "C" (2.0) or better.

Course Description

The structure and evolution of the interrelationship between sport and media and their business implications.

College

College of Business Administration

Department

DeVos Sport Business Management

SPC - Speech Communication

SPC1603C - Fundamentals of Technical Presentations
Credits Hours

3

Lab/Studio/Field Work Hours

1.5

Prerequisites/Corequisites

- Priority will be given to students whose major requires this course.

Course Description

Communication theory and its application to preparing and delivering technical information in public speaking situations.

College

College of Sciences

Department

Nicholson School of Communication and Media

SPC1603K - Honors Fundamentals of Technical Presentation
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Permission of Honors.

Course Description

Communication theory and its application to preparing and delivering technical information in public speaking situations. With honors-level content.

College

College of Sciences

Department

Nicholson School of Communication and Media

SPC1608 - Fundamentals of Oral Communication
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Priority will be given to students whose major requires this course.

Course Description

Communication theory and its application to preparing and delivering public speeches.

College

College of Sciences

Department

Nicholson School of Communication and Media

SPC1608H - Honors Fundamentals of Oral Communication
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Consent of Honors.

Course Description

Communication theory and its application to preparing and delivering public speeches. University Honors program. Same as SPC 1608 with honors-level content.

College

College of Sciences

Department

Nicholson School of Communication and Media

SPC3301 - Interpersonal Communication
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of the following: SPC 1608, SPC 1603C, COM 1000, or CI

Course Description

Nature of the communication process; variables affecting the process and the individuals involved. Analysis of communication models, interactant behavior, situational cues, verbal & non-verbal messages.

College

College of Sciences

Department

Nicholson School of Communication and Media

SPC3445 - Leadership Through Oral Communication
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- COM 3311 or COM 3003, or C.I.

Course Description

Investigation of leadership in oral communication situations, principles of effective leadership, and leadership in problem solving.

College

College of Sciences

Department

Nicholson School of Communication and Media

SPC3602 - Advanced Public Speaking
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- (SPC 1608 or SPC 1603C) and (Human Communication major or Human Communication minor) or C.I.

Course Description

Advanced theory and practice of persuasive speaking, advocacy and adapting presentations to targeted audiences using diverse delivery methods and platforms.

College

College of Sciences

Department

Nicholson School of Communication and Media

SPC3942 - Speech and Debate Practicum
Credits Hours

1 - 3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Participation on the Speech or Debate Team or C.I.

Course Description

Training and participation in intercollegiate speech and/or debate.

College

College of Sciences

Department

Nicholson School of Communication and Media

SPC4302 - Advanced Interpersonal Communication
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPC 3301 and Human Communication major or C.I.

Course Description

Covers advanced topics in interpersonal communication related to the process of communication in close (primarily romantic relationships).

College

College of Sciences

Department

Nicholson School of Communication and Media

SPC4331 - Nonverbal Communication
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- COM 3311 or COM 3003, or C.I.

Course Description

Review of current behavioral research in such areas as proxemics, kinesics, physical characteristics, tactile communication, and paralanguage. Lectures are supplemented by frequent nonverbal exercises.

College

College of Sciences

Department

Nicholson School of Communication and Media

SPC4426 - Group Dynamics
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- COM 3311 or COM 3003, or C.I.

Course Description

Human behavior in group situations.

College

College of Sciences

Department

Nicholson School of Communication and Media

SPC4513C - Argumentation and Debate
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites/Corequisites

- One of the following: SPC 1608, SPC 1603C, COM 1000, or C.I.

Course Description

Study and practice in the preparation and delivery of argumentative speeches emphasizing argument, evidence, and organization.

College

College of Sciences

Department

Nicholson School of Communication and Media

SPC4513K - Honors Argumentation and Advocacy
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Consent of Honors and one of the following: SPC 1608, SPC 1603C, COM 1000, or C.I.

Course Description

Advanced study and practice in the preparation and delivery of argumentative speeches emphasizing argument, evidence, and organization.

College

College of Sciences

Department

Nicholson School of Communication and Media

SPC4540 - Persuasion and Communication
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- COM 3003 or COM 3311 or C.I.

Course Description

A survey of the immediate and direct ways in which persuasive communication and social groups come to influence attitudes.

College

College of Sciences

Department

Nicholson School of Communication and Media

SPC4949 - Cooperative Education in Speech Communication
Credits Hours

0 - 99

Lab/Studio/Field Work Hours

0-99

Course Description

Cooperative Education in Speech Communication

College

College of Sciences

Department

Nicholson School of Communication and Media

SPM - Sports Management

SPM3130 - Aquatic Management**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Admission to the Sport and Exercise Science Program or Community Sport and Fitness Minor, and minimum overall 2.5 GPA.

Course Description

Requisite knowledge for developing and operating aquatics programs safely and effectively.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

SPM3204 - Sports and Ethics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to Kinesiology B.S., or Sport and Athletic Coaching Minor; minimum overall 2.5 GPA and PET 3765 Coaching Theory

Course Description

An exploration into ethics and its influence on sports.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

SPM3415 - Public Relations in Sport and Athletic Coaching**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the Kinesiology B.S or Coaching Minor, PET 3765 Coaching Theory, and minimum overall 2.5 GPA.

Course Description

Examining the role of public relations and media with specific application to sport and athletic coaching professionals.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy– Kinesiology

SPM3504 - Fiscal and Facilities: Issues in Sport and Athletic Coaching**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the Kinesiology B.S or Coaching Minor, PET 3765 Coaching Theory, and minimum overall 2.5 GPA.

Course Description

Design, development, and operation of sport and athletic facilities with a specific focus on fiscal management.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy– Kinesiology

SPM4723 - Legal Issues in Sport and Athletic Coaching**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to the Kinesiology BS or Coaching Minor, PET 3765 Coaching Theory, and minimum overall 2.5 GPA.

Course Description

Examination of the legal issues and problems encountered by sport and athletic coaching professionals.

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

SPN - Spanish Language**SPN1120C - Elementary Spanish Language and Civilization I****Credits Hours**

4

Lab/Studio/Field Work Hours

1

Course Description

Intro to Spanish culture through the major language skills: listening, speaking, reading and writing. Open only to students with no experience in this language.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPN1120K - Honors Elementary Spanish Language and Civilization I**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- Permission of Honors

Course Description

Intro to Spanish culture through major language skills: listening, speaking, reading and writing. Open only to students without experience in this language. Honors-level content.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPN1121C - Elementary Spanish Language and Civilization II**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- SPN 1120C or equivalent.

Course Description

Continuation of SPN 1120C.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPN1121K - Honors Elementary Spanish Language and Civilization II
Credits Hours

4

Lab/Studio/Field Work Hours

1

Prerequisites

- Permission of Honors and SPN 1120C or equivalent.

Course Description

Same as SPN 1121C with honors-level content.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPN1150C - Intensive Beginning Spanish
Credits Hours

8

Lab/Studio/Field Work Hours

4

Course Description

Combines SPN 1120C and SPN 1121C in an intensive one-semester unit. Emphasis on speaking, listening, reading, and writing Spanish. For students with little or no background in the language.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPN2200 - Intermediate Spanish Language and Civilization I
Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites

- SPN 1121C or equivalent.

Course Description

Development of language skills and cultural knowledge at the intermediate level.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPN2200H - Honors Intermediate Spanish
Credits Hours

3

Lab/Studio/Field Work Hours

1

Prerequisites

- SPN 1121C or SPN 1121H and Consent of Honors.

Course Description

Development of language skills and cultural knowledge at the intermediate level. With Honors content.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPN2201 - Intermediate Spanish Language and Civilization II**Credits Hours**

3

Lab/Studio/Field Work Hours

3

Prerequisites

- SPN 2200 or equivalent.

Course Description

Review of Spanish grammar, applied to the four language skills through composition, speaking, writing and reading. Emphasis on real-world Spanish language applications.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPN2340 - Spanish for Heritage Speakers I**Credits Hours**

3

Prerequisites

- Must be a Heritage speaker.

Course Description

The first course for heritage learners who have been exposed to Spanish from home or community, and seeks to expand written and oral proficiency.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPN2341 - Spanish for Heritage Speakers II**Credits Hours**

3

Prerequisites

- SPN 2340 or C.I.

Course Description

The second course for heritage learners who have been exposed to Spanish from home or community, and seeks to expand written and oral proficiency.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPN3140 - Business Spanish I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPN 2200 and SPN 2201 or equivalent.

Course Description

Basic business terminology, business culture, and business topics related to the Hispanic World.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPN3141 - Business Spanish II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- C.I.

Course Description

Continuation of Business Spanish I.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPN3142 - Business Spanish III**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- C.I.

Course Description

Continuation of Business Spanish II.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPN3234 - Advanced Directed Readings**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPN 2201 or C.I.

Course Description

Use of literary and general Spanish texts to develop reading comprehension and analysis skills. Course intended for non-natives and heritage speakers of Spanish.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPN3300 - Advanced Spanish Grammar and Composition**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPN 2201 or equivalent.

Course Description

Advanced Spanish grammatical topics, idiomatic expressions, and continued development of writing skills based on the newly acquired concepts.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPN3343 - Advanced Rhetoric for Spanish Communication**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPN 2201, or C.I.

Course Description

Designed for Spanish native speakers & advanced non-native speakers to improve language skills. Work on projects individually or in groups according to interests.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPN3344 - Advanced Spanish Native Fluency I
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- SPN 3300 or C.I.

Course Description

Advanced grammatical topics and composition skills for native or near-native fluency speakers.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPN3345 - Advanced Spanish Native Fluency II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Complete the following:
 - SPN3344 - Advanced Spanish Native Fluency I (3)

Course Description

Continuation of Advanced Spanish Native Fluency I emphasizing the remaining grammatical topics and composition skills.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPN3420 - Spanish Composition
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- SPN 2201 or equivalent.

Course Description

Development of skills in composition.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPN3512 - Contemporary Spanish Culture Abroad
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPN 3420 or C.I.

Course Description

Focus on contemporary Spanish culture presented through classroom lectures and discussions, assigned reading and scheduled activities.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPN3760 - Advanced Spanish Oral Communication
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPN 2201 or SPN 2240 or equivalent.

Course Description

Vocabulary building with systematic training in diction and locution. Speeches and oral presentations as well as production and delivery of real-life dialogues.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPN4143 - Business Spanish IV
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- C.I.

Course Description

Advanced course in business terminology and development of advanced language skills.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPN4410 - Advanced Spanish Conversation**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPN 3760, SPN 3420, and SPN 3300 or C.I.

Course Description

Advanced conversation on directed topics from various disciplines: literature, art, psychology, philosophy, music, business, and the sciences.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPN4421 - Advanced Spanish Composition**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPN 3300, SPN 3420, SPN 3760 or C.I.

Course Description

Readings and written imitations of modern literary styles in the form of themes, sketches, poems, and original stories.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPN4510 - Spanish Civilization and Culture**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPN 3760, SPN 3420 and SPN 3300 or C.I.

Course Description

A study of Spanish civilization and culture from Pre-Roman times to the present. Conducted in Spanish.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPN4520 - Latin American Civilization and Culture**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPN 3760, SPN 3420 and SPN 3300, or C.I.

Course Description

An overview of the currents in Latin American culture and civilization from the Pre-Columbian period to the present. Conducted in Spanish.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPN4780 - Spanish Phonetics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPN 3760, SPN 3420 and SPN 3300, or C.I.

Course Description

Students will learn the basic principles of Spanish pronunciation and perfect the correct punctuation of Spanish through intensive practice and oral drill.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPN4800 - The Syntax of Spanish**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPN 3760, SPN 3420 and SPN 3300, or C.I.

Course Description

Generative approach to syntactic theory applied to the Spanish language. Analysis and discussion of word order in the nominal, verbal, and sentential domains.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPN4801 - Spanish Morphology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPN 3760, SPN 3420 and SPN 3300, or C.I.

Course Description

Types of roots, affixes and words resulting from applying morphological rules in Spanish, covering the nominal, adjectival, verbal, pronominal and adverbial domains, and acronyms.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPN4850 - Structure of the Spanish Language**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPN 3300, SPN 3420, SPN 3760, or C.I.

Course Description

Linguistic theory applied to analysis of Spanish language. Includes systematic study of sound patterns, semantics, word formations, and socializations.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPN4852 - Bilinguismo**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPN 3760, SPN 3420, and SPN 3300, or C.I.

Course Description

Spanish-English bilingualism in United States. Models of language acquisition in bilinguals, domains of language use, maintenance, shift, transfer, diversity, attitudes, code-switching, attrition & contact.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPT - Spanish Translation

SPT3414 - Spanish for Tourism I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Complete the following:
 - SPN3420 - Spanish Composition (3)

Course Description

Learn to speak & understand Spanish specific for tourism industry including field-specific techniques of communication, multicultural environments, understanding of Spanish culture, & needs of bilingual tourists.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPT3800 - Spanish Translation and Interpretation
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPN 3420, or C.I.

Course Description

Introduction to translation and interpretation, practical applications of theory applied to professional written and audio texts from Spanish to English and from English to Spanish.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPT3805 - Spanish Translation and Interpretation for Mass Communication
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Complete the following:
 - SPN3420 - Spanish Composition (3)

Course Description

Translation and interpretation in mass communication using all forms of media.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPT3809 - Medical Spanish Translation/Interpretation**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPN 3420, or C.I.

Course Description

Basic Spanish terminology, techniques and ethics in the field of medical translation and interpretation.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPT3820 - Computer Assisted Translation Tools**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPN 3420 or C.I.

Course Description

Provides hands on experience with CAT (Computer Assisted Translation) tools that external translation and interpretation agencies require in their hiring profiles

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPT3831 - Spanish Legal Translation and Interpretation
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPN 3420, or C.I.

Course Description

The terminology, procedures and ethics required to be a Spanish language court interpreter and translator in the legal field.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPT4801 - Spanish Translation Practicum
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Complete the following:
 - SPT3800 - Spanish Translation and Interpretation (3)

Course Description

Development of translation and interpretation skills in a professional environment. Concentration in legal, medical, and business areas.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPW - Spanish Literature (Writings)

SPW3100 - Survey of Spanish Literature I
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPN 3760, SPN 3420 and SPN 3300, or C.I.

Course Description

Main literary currents and works from the Middle Ages through the Eighteenth century.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPW3101 - Survey of Spanish Literature II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPN 3760, SPN 3420 and SPN 3300, or C.I.

Course Description

Main literary currents and works of the Nineteenth century to the present.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPW3130 - Survey of Latin-American Literature I
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPN 3760, SPN 3420 and SPN 3300, or C.I.

Course Description

Main literary currents and works from the colonial period to Nineteenth Century Romanticism.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPW3131 - Survey of Latin-American Literature II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPN 3760, SPN 3420 and SPN 3300, or C.I.

Course Description

Main literary currents and works of the Nineteenth century from Realism to the present.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPW4272 - 20th Century Spanish Novel**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPW 3100 or SPW3101 or SPW 3130 or SPW 3131 or C.I.

Course Description

Major works by leading authors of 20th century. Texts selected are studied not only for aesthetic value, but also in terms of historical & cultural significance.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPW4310 - Early Modern Spanish Theatre**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPW 3100 or SPW3101 or SPW 3130 or SPW 3131 or C.I.

Course Description

Study of the drama of the Golden Age, with special emphasis on Lope, Tirso, Alarcon, & Calderon. Controversies of Spanish theatre& its influence abroad are examined.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPW4322 - Contemporary Iberian Theatre
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPW 3100 or SPW3101 or SPW 3130 or SPW 3131 or C.I.

Course Description

A study of the major playwrights and tendencies in contemporary Iberian theatre.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPW4364 - Latin-American Narrative/Essay
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPW 3100 or SPW3101 or SPW 3130 or SPW 3131 or C.I.

Course Description

Study of Latin-American narrative/essay (changing topics by semester) with emphasis in 20th century texts, contrasting techniques, procedures, and literary theories.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPW4372 - Spanish Short Story**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPN 3760, SPN 3420 and SPN 3300, or C.I.

Course Description

A study of representative 19th and 20th-century Spanish short stories and their authors.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPW4381 - Latin-American Theatre/Poetry**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPW 3100 or SPW3101 or SPW 3130 or SPW 3131 or C.I.

Course Description

Study of Latin-American theatre/poetry (changing topics by semester) with emphasis in 20th century texts, contrasting techniques, procedures, and literary theories.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPW4382 - Central American Literature**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPW 3100 or SPW3101 or SPW 3130 or SPW 3131 or C.I.

Course Description

Familiarizes the student with literary works of prominent writers from Central America. Covers the different literary periods within Central America literary history. Taught in Spanish.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPW4400 - Spanish Medieval Literature**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPW 3100 or C.I.

Course Description

This course covers the main works of the Spanish Medieval literature and culture with emphasis on contemporary adaptations of the themes in theatre and film.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPW4460 - Nineteenth Century Spanish Literature
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPW 3100 or SPW3101 or SPW 3130 or SPW 3131 or C.I.

Course Description

A study of the representative authors and works in Spanish Romanticism, Realism, and Naturalism.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPW4604 - Cervantes

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPW 3100 or SPW3101 or SPW 3130 or SPW 3131 or C.I.

Course Description

Don Quixote.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPW4720 - The Generation of 1898**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPW 3100 or SPW3101 or SPW 3130 or SPW 3131 or C.I.

Course Description

A study of the generation's main authors and their works.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPW4730 - Hispanic Literature of the United States**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPW 3100 or SPW3101 or SPW 3130 or SPW 3131 or C.I.

Course Description

Reading and study of outstanding works written by Hispanic writers of the United States.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPW4770 - Caribbean Spanish Literature**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPW 3100 or SPW3101 or SPW 3130 or SPW 3131 or C.I.

Course Description

An overview of the literature of the Spanish-speaking Caribbean countries from colonial times to the present.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SPW4773 - Puerto Rican Literature**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SPW 3100 or SPW3101 or SPW 3130 or SPW 3131 or C.I.

Course Description

Puerto Rican Literature from XIX Century to present. Conducted in Spanish.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

SSE - Social Studies Education

SSE3112 - Elementary Social Studies for Teaching
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: Admission to Elementary Education B.S. Pending or Elementary Education B.S. - Education Track or Elementary Education B.S. - Lifelong Learning Track or C.I.

Course Description

This course offers a content knowledge base for elementary school social studies to address national and state standards.

College

College of Community Innovation and Education

Department

School of Teacher Education

SSE3312 - Teaching Social Science in the Elementary School
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SSE 3112 Elementary Social Studies for Teaching and admission to Elementary Education B.S - Education Track or Lifelong Learning Track or C.I.

Prerequisites/Corequisites

- SSE 3XXX Elementary Social Studies for Teaching and admission to Elementary Education B.S - Education Track or Lifelong Learning Track or C.I.

Course Description

Selected themes, problems, and concepts; organizing for instruction; techniques; evaluation procedures.

College

College of Community Innovation and Education

Department

School of Teacher Education

SSE4042 - Teaching Social Science as a Profession**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: Admission to Secondary Education B.S Pending or Secondary Education B.S. Social Science Education Track or Lifelong Learning Track or C.I.

Course Description

This course will assess teaching social studies from an external perspective. Explore what being a social studies teacher means and assess the career and profession.

College

College of Community Innovation and Education

Department

School of Teacher Education

SSE4323 - Teaching Civics in Florida**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- POS 2041 and admission to Civics Teaching Certificate.

Course Description

Pedagogical skills for teaching civics including state mandates for teaching middle school civics and preparing middle school students for the Civics End of Course Assessment.

College

College of Community Innovation and Education

Department

School of Teacher Education

SSE4361 - Social Science Instructional Analysis**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- EDG 4410

Corequisites

- SSE 3940.

Course Description

Analysis of secondary (grades 6-12) social science instructional programs including development of objectives, materials, processes, and assessment procedures in light of current research and practice.

College

College of Community Innovation and Education

Department

School of Teacher Education

SSE4395 - Teaching with Primary Sources**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to Secondary Education B.S Pending or Secondary Education B.S English Language Arts Education, Social Science Education, or Lifelong Learning Tracks or C.I.

Course Description

This course focuses on the creation, teaching, and evaluation of content specific, content informed, and effective instructional practices that integrate primary sources.

College

College of Community Innovation and Education

Department

School of Teacher Education

SSE4632 - Contemporary Social Science Education**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: Admission to Secondary Education B.S. Social Science Education Track or Social Science Education Lifelong Learning Track, or C.I.

Course Description

A survey of recent developments and contemporary programs in all areas of the social sciences.

College

College of Community Innovation and Education

Department

School of Teacher Education

SSE4936 - Programs in Teaching Social Science**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Admission to Secondary Education B.S. Social Science Education Track or Social Science Education Lifelong Learning Track, or C.I.

Course Description

Special programs, strategies, and materials for middle and secondary social science majors.

College

College of Community Innovation and Education

Department

School of Teacher Education

STA - Statistics

STA2014 - Principles of Statistics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Introduction to statistical concepts in modern society. Basic principles, frequency distributions, measures of location and dispersion, probability, statistical inference. The "NC" grading policy applies to this course.

College

College of Sciences

Department

Department of Statistics

STA2023 - Statistical Methods I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- MGF 1106 or any other MAC course.

Course Description

First methods course introducing probability and statistical inference, including estimation, hypothesis testing, binomial and normal distributions, sample size.

College

College of Sciences

Department

Department of Statistics

STA2023H - Honors Statistical Methods I
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Permission of Honors; Calculus desired by not necessary.

Course Description

Same as STA 2023 with honors-level content.

College

College of Sciences

Department

Department of Statistics

STA3032 - Probability and Statistics for Engineers
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- MAC 2312 with a grade of "C" (2.0) or better.

Course Description

Axioms of probability; combinatorial and geometrical probability; probability distributions; measures of location and dispersion; sampling and sampling distributions; estimation and tests of hypotheses; engineering applications.

College

College of Engineering and Computer Science

Department

Department of Industrial Engineering and Management Systems

STA3032H - Honors Probability and Statistics for Engineers**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- MAC 2312 with a grade of "C" (2.0) or better and honors standing.

Course Description

Fundamental probability and statistics principles, the underlying assumptions, the procedures for implementing and interpreting them. With honors content.

College

College of Engineering and Computer Science

Department

Department of Industrial Engineering and Management Systems

STA4102 - Computer Processing of Statistical Data**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- STA 4163 and knowledge of a programming language.

Course Description

Use of packages such as SAS, BMD, SPSS for data validation, description and analysis of data, regression and analysis of variance and covariance.

College

College of Sciences

Department

Department of Statistics

STA4130 - Life Contingencies I
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- STA 4183 (or old number STA 3183).

Course Description

Economics of insurance, utility theory, single premiums for insurance and annuities in both discrete and continuous cases. Net annual premium and net premium reserves.

College

College of Sciences

Department

Department of Statistics

STA4131 - Life Contingencies II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- STA 4130 (or old number STA 3130).

Course Description

Multiple-decrement and multi-life models. Insurance models including expenses. Modified reserves. Cash values, insurance options and asset shares. Non forfeiture benefits and dividends.

College

College of Sciences

Department

Department of Statistics

STA4133 - Loss Models I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- MAC 2313 and STA 4322.

Course Description

Distributional quantities, characteristics of actuarial models, continuous models, discrete distributions, frequency and severity with coverage modifications, aggregate loss models, estimation for modified data, frequentist estimation.

College

College of Sciences

Department

Department of Statistics

STA4135 - Loss Models II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- STA 4133.

Course Description

Frequentist estimation for discrete distributions, Bayesian estimation, model selection, simulation, credibility for aggregate losses, pure premiums and loss ratios, EPV, VHM, Buhlmann and Buhlmann-Straub credibility.

College

College of Sciences

Department

Department of Statistics

STA4163 - Statistical Methods II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- STA 2023 or STA 3032.

Course Description

Not open to students with credit in STA 4165. Methods of analyzing data, statistical models, estimation, tests of hypotheses, regression and correlation, an introduction to analysis of variance, chi-square, and nonparametric methods.

College

College of Sciences

Department

Department of Statistics

STA4163H - Honors Statistical Methods II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- STA 2023H; Consent of Honors

Course Description

Methods of analyzing data, statistical models, estimation, tests of hypotheses, regression and correlation, introduction to analysis of variance, and nonparametric methods. With honors content.

College

College of Sciences

Department

Department of Statistics

STA4164 - Statistical Methods III
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- STA 4163.

Course Description

A continuation of STA 4163, including further study of regression, analysis of variance and covariance and multiple comparisons.

College

College of Sciences

Department

Department of Statistics

STA4173 - Biostatistical Methods
Credits Hours

3

Lab/Studio/Field Work Hours

0

Corequisites

- STA 4163 or C.I.

Course Description

Applied statistical principles and methods applied to problems in medical, biological, and health sciences.

College

College of Sciences

Department

Department of Statistics

STA4183 - Theory of Interest
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- MAC 2312 (or equivalent) and STA 2023.

Course Description

Measurement of simple and compound interests, accumulated and present values factors. Annuities certain, yield rates, amortization schedules and sinking funds. Bonds, securities and related funds.

College

College of Sciences

Department

Department of Statistics

STA4184 - Introduction to Derivative Markets
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- STA 4183 or C.I.

Course Description

Cash flow and profit for simple options and forwards, hedging strategies, Black-Scholes option pricing, simple swaps, portfolio management with derivatives, duration analysis, callable bonds.

College

College of Sciences

Department

Department of Statistics

STA4186 - Theory of Derivative Pricing
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- STA 4184 or C.I.

Course Description

Assumptions of derivative pricing, put-call parity, binomial pricing, market making, delta hedging, exotic options, distributions, Monte Carlo distributions, Brownian motion, interest rate models.

College

College of Sciences

Department

Department of Statistics

STA4222 - Sample Survey Methods
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- STA 2023 or STA 3032.

Course Description

Constructing and analyzing survey designs. Sampling and non-sampling errors. Simple random, stratified, systematic, and multiphase sampling. Methods of estimation.

College

College of Sciences

Department

Department of Statistics

STA4241 - Statistical Learning**Credits Hours**

3

Prerequisites

- STA 4164

Course Description

Simple and multiple linear regression, cross-validation, bootstrapping, subset selection, shrinkage methods, dimension reduction, decision trees, bagging, random forests, boosting, principal components analysis, clustering methods.

College

College of Sciences

Department

Department of Statistics

STA4321 - Statistical Theory I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Corequisites

- MAC 2313.

Prerequisites/Corequisites

- STA 2023 or STA 3032;

Course Description

Probability axioms, discrete and continuous sample spaces, conditional probability, independence, one-dimensional random variables, moment generating functions, transformations, jointly distributed random variables.

College

College of Sciences

Department

Department of Statistics

STA4322 - Statistical Theory II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- STA 4321.

Course Description

Conditional distributions, sums of random variables. Chebyshev's inequality, central limit theorem, method of moments, maximum likelihood, confidence intervals, hypothesis testing, two random variables transformations.

College

College of Sciences

Department

Department of Statistics

STA4345 - Applied Bayesian Statistics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: STA 4163, or CI

Course Description

Elements of Bayesian statistics; Bayesian models; Monte Carlo for model fitting; hypothesis testing and model selection; hierarchical models.

College

College of Sciences

Department

Department of Statistics

STA4364 - Statistical Foundations of Data Science and Artificial Intelligence I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- STA 2023 and MAS 3105

Course Description

Statistical foundations of data science and artificial intelligence including probability, statistics theory, optimization theory, and linear algebra. Broad introduction to machine learning and statistical pattern recognition.

College

College of Sciences

Department

Department of Statistics

STA4365 - Statistical Foundations of Data Science and Artificial Intelligence II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- STA 4038

Course Description

High-level Statistical foundations of the advanced models and algorithms of Data Science and Artificial Intelligence.

College

College of Sciences

Department

Department of Statistics

STA4502 - Nonparametric Statistical Methods**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- STA 2023 or STA 3032.

Course Description

Distribution-free tests on location and dispersion, goodness of fit tests, tests of independence, measures of association, nonparametric analysis of variance.

College

College of Sciences

Department

Department of Statistics

STA4504 - Categorical Data Analysis**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- STA 4163.

Course Description

Two-way and three-way contingency tables, odds ratios, partial association, logistic regression and log linear models.

College

College of Sciences

Department

Department of Statistics

STA4664 - Statistical Quality Control
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- STA 2023 or STA 3032.

Course Description

Statistical concepts and methods applied to the control of quality of manufactured products.

College

College of Sciences

Department

Department of Statistics

STA4724 - Big Data Analytics Methods
Credits Hours

4

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: STA 2023 Statistical Methods I

Course Description

Principles of algorithms in analyzing data, computational concerns with statistics, principles of classification, association rules, belief networks, clustering, use of trees in decision making, visualization techniques, and the understanding of randomness in datasets.

College

College of Sciences

Department

Department of Statistics

STA4852 - Applied Time Series
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- STA 4163.

Course Description

Forecasting methods, time series analysis, stationary and nonstationary time series, ARIMA models, forecasting processes.

College

College of Sciences

Department

Department of Statistics

SYA - Sociology Analysis

SYA3110 - Social Theory
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- SYG 2000 or C.I.

Course Description

Examines major theoretical perspectives in sociology, from foundational theories that contributed to the development of the discipline to today.

College

College of Sciences

Department

Department of Sociology

SYA3352 - Spatial Sociology I: Intro to GIS**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- SYG 2000 or SYG 2010.

Course Description

The basics of GIS as it applies to issues in society including, but not limited to those related to criminology, medical, urban, and environmental sociology.

College

College of Sciences

Department

Department of Sociology

SYA3400C - Applied Social Statistics**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Corequisites

- SYA 4300C required.

Prerequisites/Corequisites

- Junior standing and grade of "C" (2.0) or better in SYG 2000. Sociology or Social Sciences majors only, or C.I.;

Course Description

Application of statistical techniques to sociological data as conducted in research & writing of social scientists. Focus on the analysis & interpretation of data used by sociologists.

College

College of Sciences

Department

Department of Sociology

SYA4300C - Research Methods**Credits Hours**

4

Lab/Studio/Field Work Hours

2

Prerequisites/Corequisites

- Junior standing and grade of "C" (2.0) or better In SYG 2000. Sociology or Social Sciences majors only, or C.I.

Course Description

Sociological data collections, sampling techniques, proposal development. Critical evaluation of social research, and relationship between theory and social research.

College

College of Sciences

Department

Department of Sociology

SYA4310C - Qualitative Research Analysis in Sociology**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites/Corequisites

- SYA 4300C.

Course Description

Advanced research design and analysis focusing on qualitative research methodologies in sociology. Emphasizes data collection, management, analysis, interpretation, integration, presentation, and report writing.

College

College of Sciences

Department

Department of Sociology

SYA4354 - Geographic Information Systems Applications**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- SYA 3352, or CI

Course Description

How to integrate geographic information models with their future research and real-world applications.

College

College of Sciences

Department

Department of Sociology

SYA4450 - Data Analysis: Capstone**Credits Hours**

4

Lab/Studio/Field Work Hours

2

Prerequisites/Corequisites

- Junior Standing and grade of "C" (2.0) or better in SYA 4300C and SYA 3400C. Sociology or Social Sciences majors only, or C.I

Course Description

Advanced social research design and analytical skills. Emphasis on social data management, various modes of social data analysis, interpretation, integration, presentation, and report writing.

College

College of Sciences

Department

Department of Sociology

SYA4650C - Community Action and Involvement
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

Utilization of sociological principles in the treatment of practical human problems and organization.

College

College of Sciences

Department

Department of Sociology

SYA4900 - Applied Sociology
Credits Hours

4

Lab/Studio/Field Work Hours

1

Prerequisites/Corequisites

- SYA 4300C.

Course Description

How sociology is used outside academia, how to apply research methods in an applied research setting, and complete an applied research project.

College

College of Sciences

Department

Department of Sociology

SYA4959 - Participatory Geographic Information Systems in Belize
Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

The conceptual frameworks, methodologies, and applications of Participatory Geographic Information Systems and related geospatial technologies for use in the field.

College

College of Sciences

Department

Department of Sociology

SYD - Sociology of Demography

SYD3410 - Urban Society

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

Historical roots of urbanization. Analysis and impact of community change on social organizations in modern industrial societies.

College

College of Sciences

Department

Department of Sociology

SYD3700 - Race and Ethnicity
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

Theoretical analysis of the emergence, maintenance, and disruption of patterns of racial and ethnic stratification.

College

College of Sciences

Department

Department of Sociology

SYD3772 - Race and Social Media
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: SYG 2000, ANT 2000, PSY 2012, or junior standing.

Course Description

Examine race in social media, including the reinforcing or challenging of stereotypes and inequalities, the creation and maintenance of racial identities, and social justice movements.

College

College of Sciences

Department

Department of Sociology

SYD3800 - Sex and Gender in Society**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

Examination of sex and gender in society, as reflected in social norms, attitudes and beliefs, public and private practices, and social institutions.

College

College of Sciences

Department

Department of Sociology

SYD3805 - Sociology of Sexualities**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: SYG 2000 or SYG 2010 or Junior Standing or CI

Course Description

Critical reading and discussion of current sociological theories and research on human sexuality.

College

College of Sciences

Department

Department of Sociology

SYD4020 - Birth, Death, and Population Trends**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

Concerned with the study of human population, its distribution, composition, and change.

College

College of Sciences

Department

Department of Sociology

SYD4510 - Environment and Society**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

Applies the sociological perspective and sociological methods of analysis to the relationships between human behavior and the environment.

College

College of Sciences

Department

Department of Sociology

SYD4810 - Women in Contemporary Society
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

Examination and evaluation of the status of women in the context of the major social institutions (e.g., family, education, religion, economy and polity).

College

College of Sciences

Department

Department of Sociology

SYD4813 - Women, Law and Social Change
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

The process of social movements and how they impact legalized social norms for women in public and private life.

College

College of Sciences

Department

Department of Sociology

SYD4820 - Men, Masculinities and Society
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- SYG 2000, SYG 2010 or Junior Standing.

Course Description

Explores the role that masculinities play in social life from a sociological perspective.

College

College of Sciences

Department

Department of Sociology

SYG - Sociology, General

SYG2000 - Introduction to Sociology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

Scientific study of sociological concepts, theories, processes, and methods used in understanding contemporary human behavior in group interaction.

College

College of Sciences

Department

Department of Sociology

SYG2000H - Honors Introduction to Sociology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Permission of Honors.

Course Description

Extensive honors work in the field of Sociology. Expectations, requirements, and standards are greater than for standard General Sociology.

College

College of Sciences

Department

Department of Sociology

SYG2010 - Social Problems**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Analysis of major social problems such as mental disorders, sexual deviance, racial discrimination, poverty, community disorganization, and violence.

College

College of Sciences

Department

Department of Sociology

SYG3938 - Careers in Sociology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- SYG 2000 or SYG 2010.

Course Description

Explore careers that sociology majors are prepared for upon graduation and tips for improving chances of obtaining a desired career.

College

College of Sciences

Department

Department of Sociology

SYG4244 - Food and Society
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- SYG 2000, or SYG 2010, or Junior standing.

Course Description

Through the exploration of food in society, students will discover the significance of food in people's lives and discover ways food expresses relationships among people.

College

College of Sciences

Department

Department of Sociology

SYO - Sociology--Social Organizations

SYO3000 - Contemporary Society
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

Exploration of contemporary sociology. Conceptual analysis and methodological techniques, presentation and utilization of sociological literature on major social institutions.

College

College of Sciences

Department

Department of Sociology

SYO3408 - Animals and Health
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, or PSY 2012, or Junior standing.

Course Description

Explores the ways in which non-human animals both enhance and diminish humans' health.

College

College of Sciences

Department

Department of Sociology

SYO3410 - Mental Health in Society**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

A sociological examination of mental illness as a social problem; legal aspects of mental illness, and the mental health professions.

College

College of Sciences

Department

Department of Sociology

SYO3410H - Honors Patterns of Mental Health in Society**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Consent of Honors or C.I.

Course Description

A sociological examination of mental illness as a social problem; legal aspects of mental illness, and the mental health professions. With Honors content.

College

College of Sciences

Department

Department of Sociology

SYO3530 - Social Power and Inequality
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

Study of class, status and power, cultural variations in stratification systems; patterns of mobility and change.

College

College of Sciences

Department

Department of Sociology

SYO3573 - Social Networks: Theory & Applications
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- SYG 2000, ANT 2000, PSY 2012, or Junior Standing

Course Description

Patterns of social relations among social actors within a defined population are demonstrated allowing students to better understand the theory and application of social networks.

College

College of Sciences

Department

Department of Sociology

SYO4100 - Family Trends**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

Intimate relationships, practices, trends and issues affecting today's marriages and families.

College

College of Sciences

Department

Department of Sociology

SYO4132 - Global Family Trends**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Sophomore standing or C.I.

Course Description

The impact of globalization on families by using travel outside of the U.S. as an instructional vehicle.

College

College of Sciences

Department

Department of Sociology

SYO4133 - Family and Aging in Society
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- SYG 2000, SYG 2010 or Junior Standing.

Course Description

A sociological perspective on human aging as it relates to the institution of family.

College

College of Sciences

Department

Department of Sociology

SYO4200 - Religion in Society
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

The relationship between the religious institution and social stratification, family, education, as well as issues pertaining to gender, race, ethnicity, and age.

College

College of Sciences

Department

Department of Sociology

SYO4250 - Education and Social Achievement
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

This course examines the sociological dimensions of the educational institutions, including the impact of the social structure on learning and the role of education in social change.

College

College of Sciences

Department

Department of Sociology

SYO4300 - Political Sociology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

Sociological analysis of political and parapolitical groups; socioeconomic variable of voting behavior, power elites; societies and systems of government.

College

College of Sciences

Department

Department of Sociology

SYO4323 - Community and Diversity
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

The formation of social systems in response to social problems and the implementation of public policy. Emphasis on diverse perspectives and ethical positions and their effect on the form and effectiveness of social systems.

College

College of Sciences

Department

Department of Sociology

SYO4400 - Medical Sociology
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

Analysis of patient beliefs and behavior, health practitioners, the social organization of hospitals and health services, contemporary problems in the delivery of health care.

College

College of Sciences

Department

Department of Sociology

SYO4400H - Honors Medical Sociology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Consent of Honors or C.I.

Course Description

Analysis of patient behavior, health practitioners, the social organization of health services, and delivery of health care. With Honors content.

College

College of Sciences

Department

Department of Sociology

SYO4401 - Social Determinants of Health**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- SYG 2000, ANT 2000 or PSY 2012 or C.I.

Course Description

Examination of the ways social characteristics structure or shape health patterns in the U.S. population.

College

College of Sciences

Department

Department of Sociology

SYO4402 - Sociology of Health and Illness Behavior**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, or PSY 2012, or Junior standing.

Course Description

Social construction of health and illness, and social factors that shape health and illness behavior (e.g., subjective experience of illness, patient-doctor interaction, and coping with disability).

College

College of Sciences

Department

Department of Sociology

SYO4424 - Men, Masculinities, and Health**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- SYG 2000 , ANT 2000, PSY 2012 or Junior Standing.

Course Description

Explores how masculine gendered identities at various stages during the lifecourse intersect with health, illness, and disease.

College

College of Sciences

Department

Department of Sociology

SYO4428 - Sociology of Health Care
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- SYG 2000, ANT 2000, PSY 2012, or Junior Standing

Course Description

Applies a sociological lens to understand and explain how health care is sought and negotiated in the United States.

College

College of Sciences

Department

Department of Sociology

SYO4429 - Social Identities & Health
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- SYG 2000, ANT 2000, PSY 2012, or Junior Standing.

Course Description

Explores health sociologically as it exists in the U.S. at the intersections of gender, race, ethnicity, age, class, sexual orientation and society.

College

College of Sciences

Department

Department of Sociology

SYP - Sociology-Social Processes

SYP3060 - Sociology of Sex and Reproduction**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000 or PSY 1212, or Junior Standing.

Course Description

Sociological theories and research examining sexuality and reproduction in contemporary U.S. society.

College

College of Sciences

Department

Department of Sociology

SYP3300 - Fads, Crowds, and Social Action**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 1212, or Junior standing.

Course Description

Analysis of relatively unstructured social situations, such as mobs, crowds, etc. as well as more structured forms of collective behavior such as social movements.

College

College of Sciences

Department

Department of Sociology

SYP3323 - Video Games in Society**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- SYG 2000, SYG 2010 or Junior Standing.

Course Description

Sociological perspectives on video games as interactive digital entertainment, including theoretical approaches with respect to gender, race, violence, and capitalism as they relate to gaming.

College

College of Sciences

Department

Department of Sociology

SYP3400 - Social Change**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

Context and essential sources of social development and change.

College

College of Sciences

Department

Department of Sociology

SYP3510 - Sociology of Deviant Behavior**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

Sociological examination of the types of, and societal reactions to, deviant behavior with special emphasis on stigmatization.

College

College of Sciences

Department

Department of Sociology

SYP3511 - Sociology of Murder**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

An analytical study of murder in the U.S.; topics include different types of homicides, offenders, victims, and circumstances.

College

College of Sciences

Department

Department of Sociology

SYP3520 - Criminology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

Chief causes of antisocial behavior and current methods of prevention and reform. Effects of heredity and environment, prevalence of delinquency and crime, penal institutions.

College

College of Sciences

Department

Department of Sociology

SYP3523 - Sexual Violence in Society**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- SYG 2000, ANT 2000 or PSY 2012, or Junior Standing

Course Description

Sexual violence in contemporary societies, including its causes and impacts, and related prevention and intervention efforts.

College

College of Sciences

Department

Department of Sociology

SYP3530 - Juvenile Delinquency
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

Types of delinquency behavior found among juveniles; possible causes and ways society attempts to treat the various forms of delinquency.

College

College of Sciences

Department

Department of Sociology

SYP3540 - Sociology of Law
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

The relationship between law and society, including the functions of law and its organization, social and economic consequences, jury selection, and modern trends.

College

College of Sciences

Department

Department of Sociology

SYP3551 - Alcohol in Society**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

Introduction to the nature of alcoholism and review of its impact on society.

College

College of Sciences

Department

Department of Sociology

SYP3562 - Domestic Violence in Society**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

Sociological perspectives on all forms of domestic violence, including theoretical explanations, prevalence, risk factors, dynamics of prevention, and intervention.

College

College of Sciences

Department

Department of Sociology

SYP3602 - Popular Music in Society
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

The role of popular music in social change and in reflecting American culture. Consideration is given to the nature of the popular music business.

College

College of Sciences

Department

Department of Sociology

SYP3630 - Popular Culture In Society
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

Examines the relationship between contemporary popular culture and social institutions, collective identities, social change, gender, ethnicity and age.

College

College of Sciences

Department

Department of Sociology

SYP3650 - Sports and Society**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

Utilization of sociological concepts and theories to investigate sport as a social institution. Includes subjects of racism, sexism, drug abuse, violence, and current issues of sport.

College

College of Sciences

Department

Department of Sociology

SYP4000 - Sociological Social Psychology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

Study of social perception, attitude formation and change, motivation, and decision-making in small groups as affected by social interaction and social processes.

College

College of Sciences

Department

Department of Sociology

SYP4004 - Constructing Social Issues**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

Sociological examination of social problems as an emergent process that involves collective definitions and legitimating organizations. Topics include deviance, race, gender and popular culture.

College

College of Sciences

Department

Department of Sociology

SYP4014 - Sociology of Happiness**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- SYG 2000 or SYG 2010 or ANT 2000 or PSY 2012 or Junior Standing, or CI.

Course Description

Explores the ways in which happiness and well-being are understood from a sociological perspective and dependent upon cultural, historical, and social factors.

College

College of Sciences

Department

Department of Sociology

SYP4044 - Social Capital and Caregiving from an International Perspective**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: Any of the following: SYG 2000, SYG 2010, or CI.

Course Description

A sociological perspective on caregiving, which is an expression of social capital defined by supportive networks and relations. Includes a study abroad component (Cork, Ireland).

College

College of Sciences

Department

Department of Sociology

SYP4304 - Social Movements and Revolutions**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

Comparative sociology of revolutions and the sociological research on social movements.

College

College of Sciences

Department

Department of Sociology

SYP4420 - The Consumer Society
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- SYG 2000, SYG 2010, or C.I.

Course Description

Explores primary trends and processes related to life in a consumer society.

College

College of Sciences

Department

Department of Sociology

SYP4454 - Global Inequality and Society
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

Theoretical and empirical examination of the sociological process of global stratification and the countervailing force of an emergent anti-globalization social movement.

College

College of Sciences

Department

Department of Sociology

SYP4514 - Violence in Society
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

Social roots, culture, circumstances, prevention, and control of violence.

College

College of Sciences

Department

Department of Sociology

SYP4521 - Crime Victims in Society
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

Issues related to victimology such as victimization risks and societal treatment of victims.

College

College of Sciences

Department

Department of Sociology

SYP4536 - Gangs and Society
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

Types of gangs, gang members, activities, group processes, and societal responses to gangs.

College

College of Sciences

Department

Department of Sociology

SYP4550 - Drug Use in Society
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

Analysis of the socio-cultural elements of the drug culture.

College

College of Sciences

Department

Department of Sociology

SYP4631 - Social Issues in Film
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

The use of film to examine important social issues related to crime, substance use, health, war, social inequality, and the environment.

College

College of Sciences

Department

Department of Sociology

SYP4730 - Aging in Society
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

Sociological aspects of aging in America.

College

College of Sciences

Department

Department of Sociology

SYP4731 - Health and Positive Aging
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- SYG 2000, SYG 2010, ANT 2000, or CI

Course Description

Social factors and institutions fostering health and positive aging, a time for potential growth and self-renewal rather than of decline.

College

College of Sciences

Department

Department of Sociology

SYP4732 - Minority Aging
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- One of SYG 2000, ANT 2000, PSY 2012, or Junior standing.

Course Description

A sociological examination of older populations within minorities: ethnic minorities, women, and gay men and lesbians.

College

College of Sciences

Department

Department of Sociology

TAX - Taxation

TAX4001 - Taxation of Business Entities and Transactions

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing, Accounting major or minor, ACG 3131 with a grade of "B" (3.0) or better.

Course Description

Federal income tax laws affecting the taxation of business entities and transactions.

College

College of Business Administration

Department

Kenneth G Dixon School of Accounting

TAX4022 - Individual Federal Income Tax

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- Junior standing, Accounting major or minor, TAX 4001 with a grade of "C" (2.0) or better.

Course Description

Study of the basic theory, concepts, practice and methods of determining the taxable income and tax liabilities of individuals.

College

College of Business Administration

Department

Kenneth G Dixon School of Accounting

THE - Theatre

THE2000 - Theatre Survey
Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

Overview of the art and craft of the theatre. Restricted to non majors.

College

College of Arts and Humanities

Department

Department of Theatre

THE2000H - Honors Theatre Survey
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Permission of Honors. Not restricted to theatre majors.

Course Description

Honors-level overview of the art and craft of the theatre.

College

College of Arts and Humanities

Department

Department of Theatre

THE2050 - Theatre Studies in Creative Drama
Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

Techniques and theories for facilitating creative drama with youth, as both an art form and teaching tool.

College

College of Arts and Humanities

Department

Department of Theatre

THE2090L - Theatre Participation
Credits Hours

1 - 99

Lab/Studio/Field Work Hours

1-99

Prerequisites

- Department Consent.

Course Description

Participation in UCF Theatre productions.

College

College of Arts and Humanities

Department

Department of Theatre

THE2305 - Script Analysis for Theatre
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Theatre major.

Course Description

Exploration of dramatic form with focus on playscripts for productions.

College

College of Arts and Humanities

Department

Department of Theatre

THE2925L - Theatre Participation - Management I
Credits Hours

0 - 99

Lab/Studio/Field Work Hours

0-99

Prerequisites

- Theatre Major, Theatre Minor or Dance Minor.

Course Description

Participation in UCF Theatre productions.

College

College of Arts and Humanities

Department

Department of Theatre

THE3006 - Greece to Grease: Development of Theatre
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- THE 2000 or any 2000-level History course. Not for Theatre Majors.

Course Description

Development of Western Theatre from Ancient Greece to today.

College

College of Arts and Humanities

Department

Department of Theatre

THE3006H - Honors From Greece to Grease
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Not open to Theatre Majors. Consent of Honors.

Course Description

Development of Western Theatre from Ancient Greece to today. With Honors Content.

College

College of Arts and Humanities

Department

Department of Theatre

THE3082 - Theatre Careers
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- B.A. Theatre major or Theatre minor or Entertainment Management major, "C" (2.0) or better in THE 2000, and Sophomore standing .

Course Description

Techniques to secure employment in theatre and related fields.

College

College of Arts and Humanities

Department

Department of Theatre

THE3240 - Evolution of Musical Theatre
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites/Corequisites

- ENC 1102.

Course Description

Development of Musical Theatre through history.

College

College of Arts and Humanities

Department

Department of Theatre

THE3250 - Sex, Drugs, & the Rock and Roll Musical
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Complete the following:
 - ENC1102 - Composition II (3)

Course Description

Overview of the Rock & Roll musical theatre genre including culture and development.

College

College of Arts and Humanities

Department

Department of Theatre

THE3254 - Queer Theatre**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Complete the following:
 - ENC1102 - Composition II (3)

Course Description

Examination of the roots, progression and current trends in Queer Theatre through the eyes of its diverse communities: activists, writers and performers.

College

College of Arts and Humanities

Department

Department of Theatre

THE3272 - Shakespeare to RuPaul: Drag in Entertainment**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Complete the following:
 - ENC1102 - Composition II (3)

Course Description

The use of drag performance in entertainment.

College

College of Arts and Humanities

Department

Department of Theatre

THE3311 - Theatre History and Dramatic Literature I
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Theatre major, "C" (2.0) or better in THE 2305.

Course Description

Theatre history and literature from the Greeks to the Renaissance.

College

College of Arts and Humanities

Department

Department of Theatre

THE3312 - Theatre History and Dramatic Literature II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Theatre major, "C" (2.0) or better in THE 3311 and THE 2305.

Course Description

Theatre history and literature from French neoclassicism to modern realism.

College

College of Arts and Humanities

Department

Department of Theatre

THE3313 - Theatre History and Dramatic Literature III
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Theatre major, "C" (2.0) or better in THE 3312.

Course Description

Theatre history and literature from modern realism to present.

College

College of Arts and Humanities

Department

Department of Theatre

THE3333 - Shakespeare Skills
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of "C" (2.0) or better in TPP 2185 or TPP 2110C

Course Description

Course not allowed for BFA Theatre Acting Majors. Study of Shakespeare's heightened language, scansion, and text from a theatrical point of view.

College

College of Arts and Humanities

Department

Department of Theatre

THE3383 - Taboo Theatre: Sex & Violence on Stage
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Complete the following:
 - ENC1102 - Composition II (3)

Course Description

Dramatic literature with taboo topics and their impact on the storytelling and entertainments of today.

College

College of Arts and Humanities

Department

Department of Theatre

THE3549 - Topics in Theatre Studies
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Theatre Major or Minor.

Course Description

In-depth study and application of a specific theatre studies topic.

College

College of Arts and Humanities

Department

Department of Theatre

THE4085 - Health and Wellness for the Performing Artist
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Theatre major and "C" (2.0) or better in THE 2000.

Course Description

Focus on performing artists' health and related topics.

College

College of Arts and Humanities

Department

Department of Theatre

THE4093L - Theatre Participation-Management II
Credits Hours

1

Lab/Studio/Field Work Hours

1-99

Prerequisites

- Theatre major or minor; "C" (2.0) or better in THE 2925L.

Course Description

Participation in UCF Theatre productions.

College

College of Arts and Humanities

Department

Department of Theatre

THE4212 - Global Theatre
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better required in ENC 1101 or ANT 2000.

Course Description

Theatrical arts and traditions of various countries with an emphasis on nonwestern cultures.

College

College of Arts and Humanities

Department

Department of Theatre

THE4230 - Cultural Diversity in Theater
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- C (2.0) or better in ENC 1101 or ANT 2000.

Course Description

Commonality of human experience among various cultural groups through the study of dramatic literature.

College

College of Arts and Humanities

Department

Department of Theatre

THE4284 - Period Costume, Architecture, and Decor I
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- C (2.0) or better in ENC 1102.

Course Description

Costumes, furniture and decor from antiquity to the High Renaissance.

College

College of Arts and Humanities

Department

Department of Theatre

THE4285 - Period Costume, Architecture, and Decor II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- C (2.0) or better in THE 4284.

Course Description

Costumes, furniture and decor from the English Renaissance to the present.

College

College of Arts and Humanities

Department

Department of Theatre

THE4423 - Women in Theatre
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better in ENC 1101.

Course Description

An overview of women's contributions to theatre.

College

College of Arts and Humanities

Department

Department of Theatre

THE4543 - Theatre for Social Change
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Grade of C (2.0) or better in ENC 1101.

Course Description

Theatre activist's impact on theatrical art forms.

College

College of Arts and Humanities

Department

Department of Theatre

THE4543H - Honors Theatre for Social Change
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Consent of Honors.

Course Description

Theatre activist's impact on theatrical art forms. With Honors content.

College

College of Arts and Humanities

Department

Department of Theatre

THE4954 - Theatre Exit Critique
Credits Hours

0

Lab/Studio/Field Work Hours

0

Prerequisites

- Theatre Major; Senior Standing.

Course Description

Completion of departmental exit critique.

College

College of Arts and Humanities

Department

Department of Theatre

TPA - Theatre Production and Administration

TPA1990 - BFA Review I**Credits Hours**

0

Lab/Studio/Field Work Hours

0

Prerequisites

- Theatre BFA major, Design and Technology or Stage Management track

Course Description

BFA Review at the end of student's first semester for continuation in the program.

College

College of Arts and Humanities

Department

Department of Theatre

TPA2000C - Theatre Design Basics**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- BFA Design and Technology or Stage Management major.

Course Description

Basic design skills for scenic, lighting, sound and costume designers.

College

College of Arts and Humanities

Department

Department of Theatre

TPA2071C - Theatre Rendering
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- C (2.0) or better in TPA 2000C.

Course Description

Specific rendering techniques used to create visual images for scenic, lighting, and costume designers.

College

College of Arts and Humanities

Department

Department of Theatre

TPA2200 - Introduction to Technical Theatre
Credits Hours

2

Lab/Studio/Field Work Hours

0

Course Description

Development, theory and practice of all areas of technical theatre production.

College

College of Arts and Humanities

Department

Department of Theatre

TPA2200L - Intro to Technical Theatre Lab
Credits Hours

1

Lab/Studio/Field Work Hours

6

Prerequisites

- Theatre Major or Department Consent.

Corequisites

- Complete the following:
 - TPA2200 - Introduction to Technical Theatre (2)

Course Description

Practical projects in scenic construction.

Current Fee Per Student

\$45.00

College

College of Arts and Humanities

Department

Department of Theatre

TPA2210 - Stagecraft I
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- BFA Design/Tech or Stage Management,

Corequisites

- Complete the following:
 - TPA2210L - Stagecraft I Lab (1)

Course Description

Development, theory, and practice of technical theatre production.

College

College of Arts and Humanities

Department

Department of Theatre

TPA2210L - Stagecraft I Lab
Credits Hours

1

Lab/Studio/Field Work Hours

6

Course Description

Practical projects in scenic construction.

Current Fee Per Student

\$45.00

College

College of Arts and Humanities

Department

Department of Theatre

TPA2211 - Stagecraft II
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- C (2.0) or better in TPA 2210 and TPA 2210L;

Corequisites

- Complete the following:
 - TPA2211L - Stagecraft II Lab (1)

Course Description

Advanced projects in scenic construction.

College

College of Arts and Humanities

Department

Department of Theatre

TPA2211L - Stagecraft II Lab
Credits Hours

1

Lab/Studio/Field Work Hours

6

Prerequisites

- C (2.0) or better in TPA 2210 and TPA 2210L;

Corequisites

- Complete the following:
 - TPA2211 - Stagecraft II (3)

Course Description

Advanced projects in scenic construction.

Current Fee Per Student

\$45.00

College

College of Arts and Humanities

Department

Department of Theatre

TPA2220C - Stage Electronics
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- BFA Design and Technology or Stage Management major.

Course Description

Introduction to lighting and sound electronics for the stage.

Current Fee Per Student

\$44.00

College

College of Arts and Humanities

Department

Department of Theatre

TPA2232C - Costume Construction
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- Theatre Major or Department Consent.

Course Description

Basic knowledge and techniques for construction of stage costumes.

Current Fee Per Student

\$22.00

College

College of Arts and Humanities

Department

Department of Theatre

TPA2248C - Makeup Techniques
Credits Hours

2

Lab/Studio/Field Work Hours

2

Prerequisites

- Theatre major or minor or department consent.

Course Description

Theory and practice of stage makeup.

Current Fee Per Student

\$17.00

College

College of Arts and Humanities

Department

Department of Theatre

TPA2290L - Theatre Participation-Production I
Credits Hours

1 - 99

Lab/Studio/Field Work Hours

Jan-99

Prerequisites

- Theatre Major, Theatre Minor or Dance Minor

Course Description

Participation in UCF Theatre productions.

Current Fee Per Student

\$47.00

College

College of Arts and Humanities

Department

Department of Theatre

TPA2600C - Stage Management: Introduction
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- Theatre Major or Minor.

Course Description

Functions and responsibilities of professional stage managers.

College

College of Arts and Humanities

Department

Department of Theatre

TPA2991 - BFA Review II**Credits Hours**

0

Lab/Studio/Field Work Hours

0

Prerequisites

- Theatre BFA major, Design and Technology or Stage Management track and TPA 1990.

Course Description

BFA Review at the end of student's second semester for continuation in the program.

College

College of Arts and Humanities

Department

Department of Theatre

TPA3045C - Costume Design for Theatre I**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- BFA Stage Management or Design & Technology major and "C" (2.0) or better in THE 2305 and TPA 2000C.

Course Description

Projects in the fundamentals of costume design for the stage.

College

College of Arts and Humanities

Department

Department of Theatre

TPA3060C - Scenic Design for Theatre I**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- BFA Stage Management or Design and Technology major and "C" (2.0) or better in THE 2305 , TPA 2000C , and TPA 4250C .

Course Description

Projects in the fundamentals of scenic design for the stage.

Current Fee Per Student

\$37.00

College

College of Arts and Humanities

Department

Department of Theatre

TPA3077C - Scene Painting**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- C (2.0) or better in TPA 2000C and TPA 2071C.

Course Description

Projects in scene painting techniques.

Current Fee Per Student

\$70.00

College

College of Arts and Humanities

Department

Department of Theatre

TPA3172 - Flash, Bash, and Splash: Concerts, Wrestling, & Circus
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- THE 2000, MUL 2010, ENC 1102, or ARH 2051.

Course Description

Components of large-scale entertainment extravaganzas including but not limited to designers, technical developments, documentation, concepts, and venues.

College

College of Arts and Humanities

Department

Department of Theatre

TPA3183 - The Themed Experience
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1101 or C.I.

Course Description

Broad overview of creation and concepts in themed experiences.

College

College of Arts and Humanities

Department

Department of Theatre

TPA3195L - Summer Theatre Studio/Tech/Design I
Credits Hours

3

Lab/Studio/Field Work Hours

3

Prerequisites

- Departmental consent by audition or interview.

Course Description

Study, analysis and execution of technical/design aspects for playscripts produced on UCF mainstage.

Current Fee Per Student

\$20.00

College

College of Arts and Humanities

Department

Department of Theatre

TPA3197L - Summer Theatre Studio/Tech/Design II
Credits Hours

3

Lab/Studio/Field Work Hours

3

Prerequisites

- Departmental consent by audition or interview.

Course Description

Continuation of TPA 3195L.

Current Fee Per Student

\$20.00

College

College of Arts and Humanities

Department

Department of Theatre

TPA3223C - Lighting Design for Theatre I**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- BFA Stage Management or Design and Technology major and "C" (2.0) or better in THE 2305, TPA 2220C, TPA 2000C, and TPA 4250C.

Course Description

Projects in the fundamentals of lighting design for the stage.

Current Fee Per Student

\$61.00

College

College of Arts and Humanities

Department

Department of Theatre

TPA3249C - Advanced Makeup Techniques**Credits Hours**

2

Lab/Studio/Field Work Hours

2

Prerequisites

- C (2.0) or better in TPA 2248C.

Course Description

Lecture/laboratory study of basic techniques needed for the creation of stage and film prosthetics and masks.

Current Fee Per Student

\$70.00

College

College of Arts and Humanities

Department

Department of Theatre

TPA3265C - Sound Design for Theatre I
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- BFA Stage Management or Design Technology major and "C" (2.0) or better in THE 2305, TPA 2220C, TPA 2000C, and TPA 4250C.

Course Description

Projects in the fundamentals of sound design for the stage.

College

College of Arts and Humanities

Department

Department of Theatre

TPA3383C - Topics in Technical Theatre
Credits Hours

1 - 99

Lab/Studio/Field Work Hours

1-99

Prerequisites

- Theatre Major and "C" (2.0) or better in TPA 2232C or TPA 2220C or Department Consent.

Course Description

Techniques used in the production of scenery or costumes for the stage. Variable Topics.

Current Fee Per Student

\$35.00

College

College of Arts and Humanities

Department

Department of Theatre

TPA3601C - Stage Management: Techniques**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- "C" (2.0) or better in TPA 2600

Course Description

Paperwork, structure, and tools used by Stage Managers

College

College of Arts and Humanities

Department

Department of Theatre

TPA3992 - BFA Review III**Credits Hours**

0

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: Theatre BFA major, Design and Technology or Stage Management track, and TPA 2991 BFA Review II

Course Description

BFA Review at the end of student's fourth semester for continuation in the program.

College

College of Arts and Humanities

Department

Department of Theatre

TPA3995 - Preliminary Portfolio Review
Credits Hours

0

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: TPA 2991 BFA Review II

Course Description

Review of the development of the student's professional portfolio

College

College of Arts and Humanities

Department

Department of Theatre

TPA4066C - Advanced Scenography
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- C (2.0) or better in TPA 3060C, TPA 3045C, TPA 3265C, or TPA 3223C.

Course Description

Project based work in student's area of concentration.

College

College of Arts and Humanities

Department

Department of Theatre

TPA4250C - CADD for Theatre**Credits Hours**

2

Lab/Studio/Field Work Hours

2

Prerequisites

- B.F.A Design and Technology or Stage Management major and ""C"" (2.0) or better in THE 2000.

Corequisites

- B.F.A Design and Technology or Stage Management major and ""C"" (2.0) or better in THE 2000.

Course Description

Computer-aided drafting and design and its application for Theatre.

Current Fee Per Student

\$23.00

College

College of Arts and Humanities

Department

Department of Theatre

TPA4251C - Advanced CADD for Theatre**Credits Hours**

2

Lab/Studio/Field Work Hours

2

Prerequisites

- C (2.0) or better in TPA 4250C.

Course Description

Advanced computer-aided drafting and design and its application for Theatre.

Current Fee Per Student

\$43.00

College

College of Arts and Humanities

Department

Department of Theatre

TPA4298L - Theatre Participation-Production II
Credits Hours

1 - 99

Lab/Studio/Field Work Hours

Jan-99

Prerequisites

- Theatre major or minor

Course Description

Participation in UCF Theatre Productions.

Current Fee Per Student

\$47.00

College

College of Arts and Humanities

Department

Department of Theatre

TPA4384C - Advanced Topics in Technical Theatre
Credits Hours

3

Lab/Studio/Field Work Hours

4

Prerequisites

- Theatre major or minor and "C" or better in TPA 2210.

Course Description

Variable topics which may include Technical Direction or other advanced topics.

Current Fee Per Student

\$35.00

College

College of Arts and Humanities

Department

Department of Theatre

TPA4400 - Theatre Management
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- "C" (2.0) or better in THE 2000 , Theatre Major or Minor and Junior standing.

Course Description

Study of the development, organization, management, funding, and promotion of theatres.

College

College of Arts and Humanities

Department

Department of Theatre

TPA4401C - Theatre Careers in Production
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- B.F.A. Design/Tech or Stage Management; Junior standing.

Course Description

Techniques to secure employment in technical theatre, design, and stage management.

College

College of Arts and Humanities

Department

Department of Theatre

TPA4602C - Stage Management: Applications
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- Complete all of the following
 - B.F.A. Stage Management major
 - Earn a minimum grade of C in each of the following:
 - TPA3601C - Stage Management: Techniques (3)

Course Description

Application of stage management techniques

College

College of Arts and Humanities

Department

Department of Theatre

TPA4604C - Stage Management: Professional Practice
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- Complete all of the following
 - B.F.A. Stage Management major, "C" (2.0) or better required in TPA 4602 .
 - Earn a minimum grade of C in each of the following:
 - TPA4602C - Stage Management: Applications (3)

Course Description

Union work rules and application of professional contracts.

College

College of Arts and Humanities

Department

Department of Theatre

TPA4900 - Capstone Portfolio Review
Credits Hours

0

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: TPA 3995 Preliminary Portfolio Review

Course Description

Review of student's professional portfolio prior to graduation.

College

College of Arts and Humanities

Department

Department of Theatre

TPP - Theatre Performance and Performance Training

TPP2110C - Acting I - Freeing the Actor
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- Theatre major or minor.

Course Description

Development of actor's instrument through use of imagination, self-awareness, and integration of voice and movement.

College

College of Arts and Humanities

Department

Department of Theatre

TPP2120C - Improvisation for the Actor**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- BFA Acting major

Course Description

Foundations of improvisation and related vocal, physical, and acting techniques.

College

College of Arts and Humanities

Department

Department of Theatre

TPP2170C - Acting II - The Actor and Text**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- Complete all of the following
 - B.F.A Acting or Musical Theatre major
 - Earn a minimum grade of C in each of the following:
 - TPP2110C - Acting I – Freeing the Actor (3)

Course Description

Fundamental techniques with emphasis on scene study and text analysis focused on the creation of tactics, intentions, and objectives.

College

College of Arts and Humanities

Department

Department of Theatre

TPP2185 - Acting for Non-majors
Credits Hours

3

Lab/Studio/Field Work Hours

0

Course Description

Introduction to the fundamentals of acting.

College

College of Arts and Humanities

Department

Department of Theatre

TPP2190L - Theatre Participation-Performance I
Credits Hours

1 - 99

Lab/Studio/Field Work Hours

Jan-99

Prerequisites

- Theatre Major, Theatre Minor or Dance Minor

Course Description

Participation in UCF Theatre productions.

Current Fee Per Student

\$48.00

College

College of Arts and Humanities

Department

Department of Theatre

TPP2700C - Stage Speech/Voice
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- BA Theatre major or minor. Practical stage voice as it applies to performance.

Course Description

Credit cannot be applied towards BFA acting and musical theatre majors.

College

College of Arts and Humanities

Department

Department of Theatre

TPP2710C - Freeing the Voice
Credits Hours

2

Lab/Studio/Field Work Hours

1

Prerequisites

- BFA Acting major

Course Description

Bringing the actor into an awareness of habitual tensions to release the breath and voice and discover vocal support.

College

College of Arts and Humanities

Department

Department of Theatre

TPP2742C - Estill for Musical Theatre - Craft
Credits Hours

2

Lab/Studio/Field Work Hours

2

Prerequisites

- Musical Theatre Major.

Course Description

Estill Model of anatomy and physiology of the voice, diction at a distance, and compulsory figures.

College

College of Arts and Humanities

Department

Department of Theatre

TPP3103 - Intermediate Acting
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- B.A. Theatre Studies major, or BFA Stage Management major or Theatre minor and "C" (2.0) or better in TPP 2110C or TPP 2185.

Course Description

Practice and execution of scene work, monologue work, and exercises.

College

College of Arts and Humanities

Department

Department of Theatre

TPP3173C - Acting III - The Actor and Character
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- Earn a minimum grade of C in each of the following:
 - TPP2170C - Acting II - The Actor and Text (3)

Course Description

Reinforcement of acting techniques begun in Acting II, with emphasis on characterization and character development.

College

College of Arts and Humanities

Department

Department of Theatre

TPP3197L - Summer Theatre/Performance

Credits Hours

3

Lab/Studio/Field Work Hours

3

Prerequisites

- Audition/Interview or departmental consent.

Course Description

Production assignments and responsibilities during the rehearsals/performances of play scripts produced on the UCF mainstage.

Current Fee Per Student

\$20.00

College

College of Arts and Humanities

Department

Department of Theatre

TPP3245 - Topics in Theatre Performance**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Theatre major or minor, Sophomore standing, and THE 2000 and TPP 2110C or TPP 2185.

Course Description

In-depth study and application of a specific topic related to theatre performance.

College

College of Arts and Humanities

Department

Department of Theatre

TPP3251C - Musical Theatre Monologue**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- B.F.A. Musical Theatre major, and "C" (2.0) or better required in TPP 2170C .

Course Description

Practical acting techniques with solo musical theatre repertoire.

College

College of Arts and Humanities

Department

Department of Theatre

TPP3252C - Musical Theatre Scene Study**Credits Hours**

2

Lab/Studio/Field Work Hours

1

Prerequisites

- B.F.A. Musical Theatre major, and "C" (2.0) or better in TPP 2170C .

Course Description

Practical acting technique for musical theatre scene study

College

College of Arts and Humanities

Department

Department of Theatre

TPP3257C - Musical Theatre Voice Techniques**Credits Hours**

2

Lab/Studio/Field Work Hours

2

Prerequisites

- B.F.A. Acting or B.A. Theatre Studies.

Course Description

Techniques for singing musical theatre repertoire

College

College of Arts and Humanities

Department

Department of Theatre

TPP3258C - Musical Theatre Voice Styles**Credits Hours**

2

Lab/Studio/Field Work Hours

2

Prerequisites

- B.F.A. Acting or B.A. Theatre Studies major, and "C" (2.0) or better in TPP 3257C.

Course Description

Singing a variety musical theatre repertoire styles.

College

College of Arts and Humanities

Department

Department of Theatre

TPP3264C - Acting on Camera**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- BA Theatre major; "C" (2.0) or better in TPP 2110C, and TPP 3103.

Course Description

Preparing the actor for professional work in the TV/Film industry.

College

College of Arts and Humanities

Department

Department of Theatre

TPP3272C - Estill for Musical Theatre - Artistry**Credits Hours**

2

Lab/Studio/Field Work Hours

2

Prerequisites

- Complete the following:
 - TPP2742C - Estill for Musical Theatre – Craft (2)

Course Description

Technical, emotional and psychological aspects of voice applied to musical theatre singing. Music and Lyrics as script.

College

College of Arts and Humanities

Department

Department of Theatre

TPP3310C - Directing for Theatre I**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- Theatre major and "C" (2.0) or better required in THE 3312.

Course Description

Principles and techniques of play direction to include script selection, directorial analysis, casting, composition/picturization, blocking, tempo, and rehearsal planning.

College

College of Arts and Humanities

Department

Department of Theatre

TPP3510C - Movement for the Actor I**Credits Hours**

2

Lab/Studio/Field Work Hours

2

Prerequisites

- BFA Acting Major.

Course Description

Physical exploration of relaxation, release, and strengthening exercises designed to help the actor develop a more expressive body.

College

College of Arts and Humanities

Department

Department of Theatre

TPP3513C - Movement for the Actor II**Credits Hours**

2

Lab/Studio/Field Work Hours

2

Prerequisites

- C (2.0) or better in TPP 3510C.

Course Description

Reinforcement of the techniques of TPP 3510C.

College

College of Arts and Humanities

Department

Department of Theatre

TPP3711C - Voice and International Phonetic Alphabet
Credits Hours

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Earn a minimum grade of C in each of the following:
 - TPP2710C - Freeing the Voice (2)

Course Description

Exploring habits and physical awareness of the vocal tract and the international phonetic alphabet to increase dexterity in speech.

College

College of Arts and Humanities

Department

Department of Theatre

TPP3712C - Voice and Heightened Text
Credits Hours

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Earn a minimum grade of C in each of the following:
 - TPP3711C - Voice and International Phonetic Alphabet (2)

Course Description

Engaging the vocal instrument for exploration of heightened text with focus on Shakespeare.

College

College of Arts and Humanities

Department

Department of Theatre

TPP3743C - Musical Theatre Applied/Studio Voice I
Credits Hours

2

Lab/Studio/Field Work Hours

2

Prerequisites

- C (2.0) or better in TPP 3272C.

Course Description

Continuation of Musical Theatre voice training with individualized instruction.

College

College of Arts and Humanities

Department

Department of Theatre

TPP3744C - Musical Theatre Applied/Studio Voice II
Credits Hours

2

Lab/Studio/Field Work Hours

2

Prerequisites

- C (2.0) or better in TPP 3743C.

Course Description

Continuation of Musical Theatre voice training with individualized instruction.

College

College of Arts and Humanities

Department

Department of Theatre

TPP3952L - Summer Studio Performance
Credits Hours

3

Lab/Studio/Field Work Hours

3

Prerequisites

- Audition/Interview or departmental consent.

Course Description

Participation in UCF Theatre productions.

Current Fee Per Student

\$20.00

College

College of Arts and Humanities

Department

Department of Theatre

TPP4140C - Acting IV - The Actor at Play
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- Earn a minimum grade of C in each of the following:
 - TPP3173C - Acting III - The Actor and Character (3)

Course Description

Develop and collaboratively explore broad vocabulary of theatrical skills (possibilities include physical theatre, mask work, devising, playback). Various approaches to applied theatre will be considered.

College

College of Arts and Humanities

Department

Department of Theatre

TPP4142C - Acting Verse
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- Grade of "C" (2.0) or better required in TPP 3712C and TPP 4140C .

Course Description

Verse drama with particular emphasis placed on scansion and verse in the plays of William Shakespeare.

College

College of Arts and Humanities

Department

Department of Theatre

TPP4143C - Acting Styles
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- C (2.0) or better in TPP 3103 or TPP 4140C .

Course Description

An advanced and comprehensive view of acting styles.

College

College of Arts and Humanities

Department

Department of Theatre

TPP4193L - Theatre Participation-Performance II
Credits Hours

1 - 99

Lab/Studio/Field Work Hours

Jan-99

Prerequisites

- Theatre major or minor

Course Description

Participation in UCF Theatre productions.

Current Fee Per Student

\$48.00

College

College of Arts and Humanities

Department

Department of Theatre

TPP4221 - Auditioning

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- C (2.0) or better in TPP 2170C

Course Description

Selecting monologues, auditioning techniques and cold readings.

College

College of Arts and Humanities

Department

Department of Theatre

TPP4223C - Theatre Careers in Performance
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- B.F.A. Acting or Musical Theatre major, Junior standing.

Course Description

Techniques needed to secure employment in performance or related fields.

College

College of Arts and Humanities

Department

Department of Theatre

TPP4243C - Circus Arts
Credits Hours

2

Lab/Studio/Field Work Hours

2

Prerequisites

- Theatre major or minor; "C" (2.0) or better in TPP 2110C or TPP 2185.

Course Description

Circus history and introduction to a wide range of circus skills.

College

College of Arts and Humanities

Department

Department of Theatre

TPP4244 - The Art of Storytelling
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- Theatre major or minor; "C" (2.0) or better in TPP 2185, or TPP 2110C, and THE 2000.

Course Description

Application of theatrical storytelling as an art form.

College

College of Arts and Humanities

Department

Department of Theatre

TPP4244H - Honors The Art of Storytelling
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- ENC 1102 and Consent of Honors.

Course Description

Application of theatrical storytelling as an art form. With Honors content.

College

College of Arts and Humanities

Department

Department of Theatre

TPP4259C - MT Applied/Studio Voice III
Credits Hours

2

Lab/Studio/Field Work Hours

2

Prerequisites

- C (2.0) or better in TPP 3744C.

Course Description

Continuation of Musical Theatre voice training. Individualized instruction

College

College of Arts and Humanities

Department

Department of Theatre

TPP4265C - Camera Acting
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- C (2.0) or better in TPP 4140C

Course Description

Application of previous acting training to the TV/Film medium.

College

College of Arts and Humanities

Department

Department of Theatre

TPP4270C - MT Applied/Studio Voice IV
Credits Hours

2

Lab/Studio/Field Work Hours

2

Prerequisites

- "C" (2.0) or better in TPP 4259C.

Course Description

Continuation of Musical Theatre voice training. Individualized instruction

College

College of Arts and Humanities

Department

Department of Theatre

TPP4271C - MT Applied/Studio Voice V
Credits Hours

2

Lab/Studio/Field Work Hours

2

Prerequisites

- "C" (2.0) or better in TPP 4270C.

Course Description

Continuation of Musical Theatre voice training. Individualized instruction.

College

College of Arts and Humanities

Department

Department of Theatre

TPP4311C - Advanced Directing for Theatre
Credits Hours

3

Lab/Studio/Field Work Hours

2

Prerequisites

- "B" (3.0) or better grade in TPP 3310C.

Course Description

Practical experience directing class scenes and projects.

College

College of Arts and Humanities

Department

Department of Theatre

TPP4512C - Stage Combat

Credits Hours

2

Lab/Studio/Field Work Hours

2

Prerequisites

- Complete all of the following
 - Earn a minimum grade of C in each of the following:
 - TPP3711C - Voice and International Phonetic Alphabet (2)
 - Or
 - Earn a minimum grade of C in each of the following:
 - TPP3744C - Musical Theatre Applied/Studio Voice II (2)
 - and Senior standing

Course Description

Stage combat with emphasis on hand-to-hand combat.

College

College of Arts and Humanities

Department

Department of Theatre

TPP4531C - Period Movement
Credits Hours

2

Lab/Studio/Field Work Hours

2

Prerequisites

- Grade of C (2.0) or better required in TPP 3173C .

Course Description

Continuation of Movement/Dance work. Emphasis given to period styles.

College

College of Arts and Humanities

Department

Department of Theatre

TPP4730C - Voice and Accents
Credits Hours

2

Lab/Studio/Field Work Hours

1

Prerequisites

- Earn a minimum grade of C in each of the following:
 - TPP3712C - Voice and Heightened Text (2)

Course Description

Synthesizing the voice and speech work into the whole vocal performer with exploration of accents and character voices.

College

College of Arts and Humanities

Department

Department of Theatre

TPP4734 - Voice Acting
Credits Hours

2

Lab/Studio/Field Work Hours

2

Prerequisites

- BFA Acting major, "C" (2.0) or better in TPP 4730C

Course Description

Specific techniques and demands of voice acting markets.

College

College of Arts and Humanities

Department

Department of Theatre

TPP4746C - Musical Theatre Auditioning
Credits Hours

2

Lab/Studio/Field Work Hours

2

Prerequisites

- Theatre major and grade of "C" (2.0) or better in DAA 2201C and TPP 3257C or TPP 2742C.

Course Description

Preparation for professional musical theatre auditions.

College

College of Arts and Humanities

Department

Department of Theatre

TPP4923C - MT Applied/Studio Voice VI
Credits Hours

2

Lab/Studio/Field Work Hours

2

Prerequisites

- "C" (2.0) or better in TPP 4271C.

Course Description

Continuation of Musical Theatre voice training. Individualized instruction.

College

College of Arts and Humanities

Department

Department of Theatre

TPP4940L - Theatre Internship
Credits Hours

6

Lab/Studio/Field Work Hours

6

Prerequisites

- Restricted to B.F.A. Theatre majors, and Junior Standing and subject to Departmental approval.

Course Description

Off-campus internship programs in professional theatre. Required of all B.F.A. theatre majors.

College

College of Arts and Humanities

Department

Department of Theatre

TSL - Teaching Second Language

TSL3251 - Applied Linguistics for ESL**Credits Hours**

3

Prerequisites

- ENC 1102

Course Description

Focuses on core issues in second language learning and teaching.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

TSL3346 - Introduction to TEFL**Credits Hours**

3

Prerequisites

- Complete the following:
 - ENC1102 - Composition II (3)

Course Description

Focus on English as it relates to native and non-native speakers. Topics include grammar, pronunciation, cross-cultural issues, and details about teaching English worldwide.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

TSL4080 - Theory and Practice of Teaching ESOL Students in Schools**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Junior standing or C.I.

Course Description

Focuses on methods of teaching English to Speakers of Other Languages (ESOL), ESOL curriculum and materials, cross-cultural understanding, applied linguistics in second language teaching, and test and evaluation of ESOL.

College

College of Community Innovation and Education

Department

School of Teacher Education

TSL4101 - Materials and Assessment in TEFL
Credits Hours

3

Prerequisites

- TSL 3346

Course Description

An overview to materials development and methods of assessment in TEFL that incorporates specific educational needs and language teaching contexts.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

TSL4240 - Issues in Second Language Acquisition
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- TSL 4080.

Course Description

English phonology, morphology, syntax, and semantics, for future teachers.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

TSL4251 - Sociolinguistics for ESL
Credits Hours

3

Prerequisites

- Grade of 'C' (2.0) or better in LIN 3010 or TSL 4240

Course Description

Introduces key sociolinguistic concepts as it relates these to the learning and teaching of English as a second language.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

TSL4363 - ESL Classroom Experiences**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- TSL 3346 (B- or better).

Course Description

Practical instruction and experiences for future teachers of English conversation. Includes micro-teaching in class as well as 25 hours of experience working with non-native speakers.

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

TSL4520 - ESOL Cultural Diversity**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: Admission to Teacher Education B.S pending or Teacher Education B.S. World Languages Education track or Lifelong Learning track or C.I.

Course Description

Designed to train the teacher in the understanding of cross-cultural aspects of learning situations and to apply this knowledge to the creation of culturally appropriate conditions for learning both content and English as a second language.

College

College of Community Innovation and Education

Department

School of Teacher Education

TSL4942 - ESOL Field Experience**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- TSL 4080.

Course Description

Practical application of research and theory on teaching and assessing academic subjects to second language (L2) learners in grades Pre-K-12.

College

College of Community Innovation and Education

Department

School of Teacher Education

TSL4943 - L2 Academic Language Instruction**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- TSL 4080.

Course Description

Research, theory, and practical application of teaching and assessing academic language and disciplinary literacy for second language (L2) learners in grades Pre-K-12.

College

College of Community Innovation and Education

Department

School of Teacher Education

TSL4945 - ESOL Clinical Experience
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- TSL 4942 and TSL 4943.

Course Description

Practical application of research and theory on teaching and assessing academic language and disciplinary literacy to second language (L2) learners in grades Pre-K-12.

College

College of Community Innovation and Education

Department

School of Teacher Education

TTE - Transportation and Traffic Engineering

TTE3810 - Highway Engineering
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- STA 3032 with a grade "C" (2.0) or better;

Corequisites

- CGN 3700C.

Course Description

Three functional classifications are covered: planning, design and operation of transportation facilities. Emphasis is on the highway transportation mode.

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

TTE4274 - Transportation Engineering Systems**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Earn a minimum grade of C in each of the following:
 - TTE3810 - Highway Engineering (3)

Course Description

Topics including transportation planning, Intelligent Transportation Systems, highway capacity, and traffic safety. Highway construction, freight, and mass transportation may be covered as time permits.

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

TTE4300 - Transportation Analytics**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- TTE 3810 with a grade of "C" (2.0) or better.

Course Description

Qualitative and quantitative approaches to contemporary transportation challenges, including economic theory, optimization algorithms, statistical methods, and sustainable transportation alternatives.

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

TTE4601C - Urban Systems Design**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- TTE 4274 with a grade of "C" (2.0) or better and department consent.

Course Description

Project design course covering principles/techniques of planning, traffic analysis, and highway design. Including projecting traffic volumes, laying out alternative routes, designing of alignments/intersections.

Current Fee Per Student

\$25.00

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

VIC - Visual Communication

VIC3001 - Visual Communication**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Either SPC 1608, SPC 1603C, COM 1000, or C.I.

Course Description

A study of human visual systems and influences of visual media on modern society.

College

College of Sciences

Department

Nicholson School of Communication and Media

VIC4312 - Power Branding**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Ad/PR majors only; MMC 3630, and MMC 3420

Prerequisites/Corequisites

- ADV 4101, or C.I.

Course Description

The importance of brand equity as well as how to build, measure, and manage brand equity.

College

College of Sciences

Department

Nicholson School of Communication and Media

WOH - World History**WOH2012 - World Civilization I****Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

A topical approach to the study of the rise and decline of world civilizations from the first attempts to the great civilizations of medieval times.

College

College of Arts and Humanities

Department

Department of History

WOH2012H - Honors World Civilization I**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Permission of Honors.

Course Description

The rise and decline of world civilizations from antiquity to the great civilizations of medieval times. Honors content.

College

College of Arts and Humanities

Department

Department of History

WOH2022 - World Civilization II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Course Description

Rise of modern civilization from 1500 to the present, with an emphasis on the confrontation between the Western and non-Western spheres of civilization.

College

College of Arts and Humanities

Department

Department of History

WOH2022H - Honors World Civilization II**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Permission of Honors.

Course Description

Rise of modern civilization from 1500 to the present, with an emphasis on the confrontation between the Western and non-Western spheres of civilization. Honors content.

College

College of Arts and Humanities

Department

Department of History

WOH4208 - History of the Global Drug Trade**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- WOH 2022 or C.I.

Course Description

The global history of struggles over the production, circulation, and consumption of illicit drugs from the early modern period to the present.

College

College of Arts and Humanities

Department

Department of History

WOH4272 - Age of Atlantic Revolutions 1763-1826**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 or C.I.

Course Description

Compares origins, development, and outcomes of the American, French, Latin American, and Haitian Revolutions.

College

College of Arts and Humanities

Department

Department of History

WOH4273 - Age of Atlantic Revolutions 1848-1920**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- PR: AMH 2010, AMH 2020 or C.I.

Course Description

Compares the origins, development, and outcomes of the European Revolutions of 1848, the American Civil War, Cuban Rebellion, the Spanish-American War and the Mexican Revolution of 1910.

College

College of Arts and Humanities

Department

Department of History

WOH4430 - Law and Disorder: Piracy and Maritime Law in the Atlantic World
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- AMH 2010 or AMH 2020 or EUH 2000 or EUH 2001 or WOH 2012 or WOH 2022

Course Description

Explores crime and violence in the Atlantic World (1492-1800) focusing on piracy, maritime, and admiralty law. Explores early modern courts and social construction of criminality.

College

College of Arts and Humanities

Department

Department of History

WST - Women's Studies

WST3015 - Introduction to Women's Studies
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or C.I.

Course Description

Interdisciplinary course introducing students to key issues and problems regarding women and gender relations in past and present societies.

College

College of Arts and Humanities

Department

Program in Women's and Gender Studies

WST3020 - Girls' Studies**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102.

Course Description

Girls' Studies, an emerging field within Women's Studies, focuses on the material experiences of girls in U.S. and global cultures using academic and popular texts.

College

College of Arts and Humanities

Department

Program in Women's and Gender Studies

WST3371 - Women and Leadership**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102.

Course Description

Interdisciplinary, feminist perspectives on women and leadership, examining issues such as gender differences in leadership styles, obstacles facing women leaders, and learning from women leaders.

College

College of Arts and Humanities

Department

Program in Women's and Gender Studies

WST3371H - Honors Women and Leadership**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Complete all of the following
 - Complete the following:
 - ENC1102H - Honors Freshman Composition II (3)
 - or consent of Honors

Course Description

Interdisciplinary, feminist perspectives on women and leadership, examining issues such as gender differences in leadership styles, obstacles facing women leaders, and learning from women leaders with Honors content.

College

College of Arts and Humanities

Department

Program in Women's and Gender Studies

WST3460 - Women, Race and Struggle**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 or C.I.

Course Description

Interdisciplinary study of issues, perspectives, and scholarship by and about women of color.

College

College of Arts and Humanities

Department

Program in Women's and Gender Studies

WST3460H - Honors Women, Race and Struggle
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Consent of Honors.

Course Description

Interdisciplinary study of issues, perspectives, and scholarship by and about women of color. With Honors content.

College

College of Arts and Humanities

Department

Program in Women's and Gender Studies

WST3500 - Gender Issues and Community Activism
Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- WST 3015 or C.I.

Course Description

Feminist perspectives applied to current community issues. Interdisciplinary analysis through service learning and field research. Issues will vary.

College

College of Arts and Humanities

Department

Program in Women's and Gender Studies

WST3522 - First and Second Wave Feminisms**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102.

Course Description

History of Western feminist thought, from the late eighteenth century to the 1980s, through texts by First and Second Wave Feminists.

College

College of Arts and Humanities

Department

Program in Women's and Gender Studies

WST3561 - Third Wave Feminisms**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- WST 3015.

Course Description

Third wave feminist theories and practices with an activist focus.

College

College of Arts and Humanities

Department

Program in Women's and Gender Studies

WST3603 - Introduction to Gender Studies**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1101.

Course Description

Historical and cultural foundations of gender, sexuality, and intersectional theories with attention to fluidity of identities and diversity of experiences.

College

College of Arts and Humanities

Department

Program in Women's and Gender Studies

WST3610 - Gender and Technology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 and Junior Standing.

Course Description

Examines the role of gender, race, class, and sexuality in the development, employment, and dissemination of technology in its various forms, including technologies of/around gender, such as domestic, sexual and reproductive, beauty, body, and body technologies.

College

College of Arts and Humanities

Department

Program in Women's and Gender Studies

WST3621 - Theories of Masculinity**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102.

Course Description

Masculinity from feminist perspectives, examining issues of race, class, sexuality, and violence, as well as constructions of masculinity in sports, family, and other institutions.

College

College of Arts and Humanities

Department

Program in Women's and Gender Studies

WST4002 - Research in Women and Gender Studies**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- WST 3015.

Course Description

Relationships among feminist theory, research, social change, and gender equality as experienced at the workforce in private, public and nonprofit spheres.

College

College of Arts and Humanities

Department

Program in Women's and Gender Studies

WST4022 - Girls and the Body**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 and WST 3020.

Course Description

Feminist theory and practice applied in an examination of body image as it relates to girls in contemporary society. Service learning component.

College

College of Arts and Humanities

Department

Program in Women's and Gender Studies

WST4023 - Virtual Girls**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 and WST 3020.

Course Description

Feminist theory and practice applied in an examination of the role of technology in the lives of young girls. Service learning component.

College

College of Arts and Humanities

Department

Program in Women's and Gender Studies

WST4312 - Representations in Motherhood**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 and Senior standing

Course Description

Students will engage with memoirs, historical accounts, social science studies, poetry and literature to explore various topics of motherhood including experience, identity, public policy and agency.

College

College of Arts and Humanities

Department

Program in Women's and Gender Studies

WST4349 - Ecofeminism**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 and WST 3015.

Course Description

Connections between feminism and the environment.

College

College of Arts and Humanities

Department

Program in Women's and Gender Studies

WST4415 - Global and Transnational Feminism

Credits Hours

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ENC 1102 and WST 3015.

Course Description

Feminist theory from a global, multi-cultural perspective, combined with global feminist activism. Service learning component.

College

College of Arts and Humanities

Department

Program in Women's and Gender Studies

ZOO - Zoology

ZOO3454 - Ichthyology

Credits Hours

3

Prerequisites

- Complete all of the following
 - Earn a minimum grade of C in each of the following:
 - BSC2010C - Biology I (4)
 - BSC2011C - Biology II (4)
 - or C.I.

Course Description

Fish biology and covers (in varying amounts of detail) the following topics: diversity, systematics, functional anatomy, physiology, ecology, evolution and conservation.

College

College of Sciences

Department

Department of Biology

ZOO3713C - Comparative Vertebrate Anatomy**Credits Hours**

5

Lab/Studio/Field Work Hours

6

Prerequisites

- A "C" (2.0) or better in both BSC 2010C and BSC 2011C, or C.I.

Course Description

The vertebrate animals, relationships of organs and systems, and their phylogenetic significance.

Current Fee Per Student

\$70.00

College

College of Sciences

Department

Department of Biology

ZOO3733C - Human Anatomy**Credits Hours**

4

Lab/Studio/Field Work Hours

3

Prerequisites

- BSC 2010C or equivalent.

Course Description

Structure of the human body.

Current Fee Per Student

\$6.00

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

ZOO3733K - Honors Human Anatomy
Credits Hours

4

Lab/Studio/Field Work Hours

3

Prerequisites

- BSC 2010C or equivalent and Consent of Honors.

Course Description

Basic and functional anatomy in clinically oriented way to study systems within the human body. The lab component of this honors course provides enrichment and an opportunity to view cadaver specimens. With Honors Content.

Current Fee Per Student

\$6.00

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

ZOO3736C - Exercise Physiology Anatomy
Credits Hours

4

Lab/Studio/Field Work Hours

2

Prerequisites

- BSC 2010C, C.I.

Course Description

Gross anatomy for exercise physiology majors.

Current Fee Per Student

\$6.00

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

ZOO3744 - Neurobiology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- BSC 2010C.

Course Description

Biological principles governing the physiology of the nervous system including electrical properties, chemical signaling, cellular composition, development, injury and regeneration.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

ZOO3744H - Honors Neurobiology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- BSC 2010C or BSC2010K, BHC student

Course Description

Comprehensive discussion of cellular composition of the nervous system and functions of each cell type, electrical and chemical communication; including neuroanatomy and neuropsychology of chemical, somatic and auditory system.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

ZOO3755C - Introductory Histology**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- PCB 3703C or ZOO 3733C or equivalent.

Course Description

Basic principles of tissue staining, techniques, microscopy, cellular structure and other basic concepts. An introduction to the formation and structure of the four basic human tissues: Epithelium, Connective, Muscle & Nervous. Familiarizes students with normal cells, tissues structure and ultrastructure imaging.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

ZOO4205C - Invertebrate Biodiversity**Credits Hours**

4

Lab/Studio/Field Work Hours

8

Prerequisites

- Complete all of the following
 - Earn a minimum grade of C in each of the following:
 - BSC2010C - Biology I (4)
 - BSC2011C - Biology II (4)
 - PCB3044 - Principles of Ecology (3)
 - or C.I.

Course Description

Comparative biology of invertebrates, emphasizing morphology, evolution, ecology and conservation biology.

Current Fee Per Student

\$34.00

College

College of Sciences

Department

Department of Biology

ZOO4272 - Ornithology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- Complete all of the following
 - Earn a minimum grade of C in each of the following:
 - BSC2011C - Biology II (4)
 - or C.I.

Course Description

Comprehensive course in bird biology covering global diversity, evolution and systematics, anatomy, physiology, behavior, and ecology.

College

College of Sciences

Department

Department of Biology

ZOO4310C - Vertebrate Evolution & Ecology**Credits Hours**

4

Lab/Studio/Field Work Hours

6

Prerequisites

- A "C" (2.0) or better in all the following; BSC 2010C, BSC 2011C, PCB 3044, and PCB 3063, or C.I.

Course Description

Vertebrate evolution and ecology, based on the paleontological and ecological literature. The laboratory places heavy emphasis on classification/identification and field work.

Current Fee Per Student

\$65.00

College

College of Sciences

Department

Department of Biology

ZOO4405C - Sea Turtle Ecology and Conservation Internship**Credits Hours**

3

Lab/Studio/Field Work Hours

3

Prerequisites

- Complete all of the following
 - Intern application, C.I.
 - Complete the following:
 - ENC1101 - Composition I (3)

Course Description

Provide participants with hands-on field and research experience. Students will gain a foundation in the current state of sea turtle science and conservation.

College

College of Sciences

Department

Department of Biology

ZOO4462C - Herpetology**Credits Hours**

4

Lab/Studio/Field Work Hours

4

Prerequisites

- Earn a minimum grade of C in each of the following:
 - BSC2011C - Biology II (4)
 - PCB3044 - Principles of Ecology (3)

Course Description

Introduction to the biology of the amphibians and reptiles, their classification, evolution, and life histories.

Current Fee Per Student

\$70.00

College

College of Sciences

Department

Department of Biology

ZOO4480 - Mammalogy**Credits Hours**

4

Lab/Studio/Field Work Hours

0

Prerequisites

- A "C" (2.0) or better in both BSC 2010C and BSC 2011C, or C.I.

Course Description

Diversity and biology of mammals from an evolutionary perspective.

College

College of Sciences

Department

Department of Biology

ZOO4480L - Mammalogy Lab**Credits Hours**

1

Lab/Studio/Field Work Hours

3

Corequisites

- ZOO 4480.

Course Description

This lab will enhance topics covered in the lecture further exploring the anatomy and identification of mammals with hands-on experience.

College

College of Sciences

Department

Department of Biology

ZOO4513 - Animal Behavior**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- A "C" (2.0) or better in PCB 3044.

Course Description

Study of the current ideas in animal behavior, including the mechanism of behavior and evolutionary explanations.

College

College of Sciences

Department

Department of Biology

ZOO4603C - Embryology/Development**Credits Hours**

5

Lab/Studio/Field Work Hours

4

Prerequisites

- A "C" (2.0) or better in both PCB 3063 and PCB 3023, or PCB 3522, or C.I.

Course Description

Concepts of developmental processes. Emphasis on mechanisms underlying vertebrate development.

Current Fee Per Student

\$22.00

College

College of Sciences

Department

Department of Biology

ZOO4605 - Human Clinical Embryology and Congenital Malformation**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ZOO 3733C.

Course Description

Advanced functional human clinical embryology with focus on congenital abnormalities.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

ZOO4701 - Dissection Techniques**Credits Hours**

3

Lab/Studio/Field Work Hours

4

Prerequisites

- Complete the following:
 - ZOO3733C - Human Anatomy (4)

Course Description

Dissection techniques of the human body to teach students the skills required for the preparation of three dimensional materials(specimens). The primary student population should be junior/senior pre health professional applicants preparing for the basic medical sciences of professional schools.

Current Fee Per Student

\$70.00

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

ZOO4735 - Anatomy of the Head and Neck**Credits Hours**

3

Lab/Studio/Field Work Hours

2

Prerequisites

- PR: BSC 2010C

Course Description

Structures of the facial skeleton, oral cavity, the teeth, the gums (gingiva), and the innervation of the head and neck specially the trigeminal nerve, as well as the blood supply, venous and lymphatic drainage of the head and neck including some selective pathological conditions.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

ZOO4742 - Advanced Neurobiology**Credits Hours**

3

Lab/Studio/Field Work Hours

0

Prerequisites

- ZOO 3744.

Course Description

Advanced topics in movement, vision, motivation, sex and brain, emotions, biological rhythms, sleep, language, attention, mental illness, development, learning, memory, degeneration, regeneration.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

ZOO4743C - Clinical Neuroanatomy and Neuroscience**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- ZOO 3733C with a B (3.0) or better.

Course Description

Basic and applied neurosciences with attention to normal function and pathologic states of the nervous system relevant to practice of general medicine and/or neuroscience.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

ZOO4743K - Honors Clinical Neuroanatomy**Credits Hours**

4

Lab/Studio/Field Work Hours

2

Prerequisites

- Graduating senior, ZOO 3733C and C.I.

Course Description

Basic and applied neurosciences with attention to normal function and pathologic states of the nervous system relevant to practice of general medicine and/or neuroscience.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

ZOO4747C - Clinical Neuroscience**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- ZOO 3744 or ZOO 4743C.

Course Description

Clinically oriented teachings in major neuroscience areas including selected topics in neuropathology, neurooncology, neuroimmunology, neuropharmacology, and neurodiagnostics.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

ZOO4747K - Honors Clinical Neuroscience**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- ZOO 3744 or ZOO 4743C and BHC

Course Description

Clinically oriented teachings of neuroscience areas including selected topics in neuropathology, neuro-oncology, neuroimmunology, neuropharmacology and neurodiagnostics with Honors content.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

ZOO4753C - Human Histology**Credits Hours**

4

Lab/Studio/Field Work Hours

3

Prerequisites

- Complete the following:
 - ZOO3733C - Human Anatomy (4)

Course Description

Vast intricacies of the four basic human tissues. Study the normal tissue structure/ultrastructure by observing and assessing microanatomy of certain mammalian organs, but mostly human tissues.

Current Fee Per Student

\$70.00

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

ZOO4756C - Comparative Vertebrate Histology**Credits Hours**

4

Lab/Studio/Field Work Hours

1

Prerequisites

- Earn a minimum grade of C in each of the following:
 - ZOO3713C - Comparative Vertebrate Anatomy (5)

Course Description

A comparison of vertebrate anatomy at the tissue level and its evolutionary and phylogenetic significance.

College

College of Sciences

Department

Department of Biology

ZOO4910L - Research Experience in Animal Behavior in a Zoo Environment

Credits Hours

3

Lab/Studio/Field Work Hours

3

Prerequisites

- A minimum grade of a "B" (3.0) in ZOO 4513.

Course Description

An advanced course where students will be observing, documenting, and analyzing animal behavior in a zoological setting.

College

College of Sciences

Department

Department of Biology

Programs

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Aerospace Studies Minor

Program Type

Minor

Program Description

College of Engineering & Computer Science

UCF Air Force ROTC

Classroom Building II (CB2), 221

Reserve Officer Training Corp - Air Force ROTC Chair: Colonel Michael J. Peeler
407-823-1247

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Program Details

Required Courses (16 Credit Hours)

- AFR 1101 - Heritage and Values of the United States Air Force I **Credit Hours: 1**
- AFR 1111 - Heritage and Values of the United States Air Force II **Credit Hours: 1**
- AFR 2130 - Team and Leadership Fundamentals I **Credit Hours: 1**
- AFR 2131 - Team and Leadership Fundamentals II **Credit Hours: 1**
- AFR 3220 - Leading People and Effective Communication I **Credit Hours: 3**
- AFR 3230 - Leading People and Effective Communication II **Credit Hours: 3**
- AFR 4201 - National Security Affairs and Prep for Active Duty I **Credit Hours: 3**
- AFR 4210 - National Security Affairs/Preparation for Active Duty II **Credit Hours: 3**

Restricted Electives

- None

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 16

Other Requirements

- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades less than "C-" (1.75) are not accepted.
- At least 12 hours used in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit cannot be used toward the minor.

Event Management Minor

Department

Department of Tourism, Events, and Attractions

Program Type

Minor

Program Description

**Rosen College of Hospitality Management
Tourism, Events, and Attractions Department
407-903-8000
hospitality@ucf.edu**

Interim Chair of the Department of Tourism, Events and Attractions & Associate Professor: Dr. Asli Tasci

Dean, Rosen College of Hospitality Management: Dr. Youcheng Wang

This minor is well suited and intended for students who have interest in the field of the performing arts (Music, Arts, and Theater). The Event Management minor is geared to expose and increase students' knowledge base of the growing hospitality and event industries. This program teaches students how to strategically promote various types of events and how to identify potential risk while planning and executing an event(s). Students will be able to individualize their minor by the option to choose two restricted event management electives focused toward their career interest.

Admission Requirements

- Not open to majors of the Rosen College of Hospitality Management.

Minor Requirements

- None

Prerequisite Courses

- Students who have not completed the prerequisites should contact the Instructor for consent to enroll.

Program Details

Required Courses (12 Credit Hours)

- HFT 2750 - The Event Industry **Credit Hours: 3**
- HFT 3443 - Event Technology **Credit Hours: 3**
- HFT 3512 - Event Promotion **Credit Hours: 3**
- HFT 3670 - Hospitality and Event Risk Management **Credit Hours: 3**

Restricted Electives (6 Credit Hours)

Select Two: (6 Credit Hours)

- HFT 3357 - Sport and Club Event Operations **Credit Hours: 3**
 - HFT 3519 - Event Services **Credit Hours: 3**
 - HFT 3523 - Event Sales **Credit Hours: 3**
- (Prerequisite for HFT 3523 is HFT 3519)
- HFT 3798 - Fairs and Festivals **Credit Hours: 3**
 - HFT 4542 - Strategic Event Design **Credit Hours: 3**
 - HFT 4561 - Destination Marketing & Management **Credit Hours: 3**
 - HFT 4795 - Entertainment Arts and Events **Credit Hours: 3**
 - HFT 4796 - International Events **Credit Hours: 3**
 - HFT 4866C - Exploring Wines of the World **Credit Hours: 3**

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required:

- 18

Other Requirements

- A minimum GPA of 2.0 in all courses used to satisfy the minor.
- At least 12 credit hours used in the minor must be earned at UCF within the Rosen College.
- No credit by exam (TSD, Military credit) may be used in the minor.
- Final Exams will be given during Final Exam week only.
- No substitutions are allowed for any of the required minor courses.

General Education Program (GEP) Courses

Program Description

(Some majors require a specific course or a higher level course in some areas. Consult your major requirements and advisor.)

Satisfactorily complete one course in each of the twelve numbered areas: 36 hours

At least one course completed in each Foundation area must be a designated State General Education Core Course (♦)

Program Details

Communication Foundations (9 Credit Hours)

At least one course completed in each Foundation area must be a designated State General Education Core Course (♦)

Area 1

General Education Core Course(s)

- ENC 1101 - Composition I **Credit Hours: 3** 1, 2 ♦

Area 2

- ENC 1102 - Composition II **Credit Hours: 3** 1, 2

Area 3

- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- SPC 1603C - Fundamentals of Technical Presentations **Credit Hours: 3**
- COM 1000 - Introduction to Communication **Credit Hours: 3**

Cultural & Historical Foundation (9 Credit Hours)

At least one course completed in each Foundation area must be a designated State General Education Core Course (♦)

Area 1

General Education Core Course(s)

- HUM 2020 - Encountering the Humanities **Credit Hours: 3** ♦

Other Courses

- EUH 2000 - Western Civilization I **Credit Hours: 3 2**
- EUH 2001 - Western Civilization II **Credit Hours: 3 2**
- HUM 2210 - Studies in Culture: Ancient to 17th Century **Credit Hours: 3 2**
- HUM 2230 - Humanistic Tradition II **Credit Hours: 3 2**
- AMH 2010 - U.S. History: 1492-1877 **Credit Hours: 3 2**
- WOH 2012 - World Civilization I **Credit Hours: 3 2**
- WOH 2022 - World Civilization II **Credit Hours: 3 2**

Area 2

General Education Core Course(s)

- MUL 2010 - Enjoyment of Music **Credit Hours: 3 ♦**
- THE 2000 - Theatre Survey **Credit Hours: 3 ♦**
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3 ♦**

Other Courses

- ANT 2410 - Cultural Anthropology: Global Perspectives, Local Contexts **Credit Hours: 3**
- ARH 2050 - History of Western Art I **Credit Hours: 3**
- ARH 2051 - History of Western Art II **Credit Hours: 3**
- FIL 1000 - Cinema Survey **Credit Hours: 3**
- REL 2300 - World Religions **Credit Hours: 3**
- LIT 2110 - World Literature I **Credit Hours: 3 2**
- LIT 2120 - World Literature II **Credit Hours: 3 2**
- FIL 2030 - History of Motion Pictures **Credit Hours: 3**
- FIL 3036 - Film History I **Credit Hours: 3**
- FIL 3037 - Film History II **Credit Hours: 3**
- MUH 2017 - Survey of Rock Music **Credit Hours: 3**
- MUH 2019 - American Popular Music, 1840s-present **Credit Hours: 3**
- MUL 2016 - Evolution of Jazz **Credit Hours: 3**
- MUL 2720 - Music of the World **Credit Hours: 3**

Area 3

Take one additional course from either Cultural and Historical Foundation, Area 1 or 2. Consider that some courses also partially satisfy the Gordon Rule requirement.

Mathematical Foundation (6 Credit Hours)

At least one course completed in each Foundation area must be a designated State General Education Core Course (♦)

Area 1

General Education Core Course(s)

- MAC 1105C - College Algebra **Credit Hours: 3 2 ♦**
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4 2 ♦**
- MGF 1106 - Finite Mathematics **Credit Hours: 3 2 ♦**
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3 2 ♦**

Area 2

General Education Core Course(s)

- STA 2023 - Statistical Methods I **Credit Hours: 3 2 ♦**

Other Courses

- CGS 1060C - Introduction to Computers **Credit Hours: 3 2**
- STA 2014 - Principles of Statistics **Credit Hours: 3 2**
- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3**
- COP 2500C - Concepts in Computer Science **Credit Hours: 3**
- COP 3502C - Computer Science I **Credit Hours: 3**
- COT 3100C - Introduction to Discrete Structures **Credit Hours: 3**
- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3**

Social Foundation (6 Credit Hours)

At least one course completed in each Foundation area must be a designated State General Education Core Course (♦)

Area 1

General Education Core Course(s)

- ANT 2000 - General Anthropology **Credit Hours: 3 ♦**
- PSY 2012 - General Psychology **Credit Hours: 3 ♦**
- SYG 2000 - Introduction to Sociology **Credit Hours: 3 ♦**
- HSA 2117 - Civic Engagement in the US Healthcare System **Credit Hours: 3**

Area 2

General Education Core Course(s)

- AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3 2 ♦**
- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3 ♦**
- POS 2041 - American National Government **Credit Hours: 3 ♦**

Other Courses

- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**

Science Foundation (6 Credit Hours)

At least one course completed in each Foundation area must be a designated State General Education Core Course (♦)

Area 1

General Education Core Course(s)

- AST 2002 - Astronomy **Credit Hours: 3 ♦**
- PHY 2020 - Concepts of Physics **Credit Hours: 3 ♦**
- PHY 2053C - College Physics I **Credit Hours: 4 ♦**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4 ♦**
- CHM 1020 - Concepts in Chemistry **Credit Hours: 3 ♦**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4 ♦**

Other Courses

- PSC 1121 - Physical Science **Credit Hours: 3**
- CHS 1440 - Principles of Chemistry **Credit Hours: 4**
- CHM 1032 - General Chemistry **Credit Hours: 3**
- CHM 2040 - Chemistry Fundamentals IA **Credit Hours: 3 + &**
- CHM 2041 - Chemistry Fundamentals IB **Credit Hours: 3 +**
- PHY 1038 - Physics of Energy, Climate Change and Environment **Credit Hours: 3**

Area 2

General Education Core Course(s)

- BSC 1005 - Biological Principles **Credit Hours: 3 * ♦**
- BSC 2010C - Biology I **Credit Hours: 4 ♦**
- EVR 1001 - Introduction to Environmental Science **Credit Hours: 3 ♦**

Other Courses

- GLY 1030 - Geology and its Applications **Credit Hours: 3**
- GEO 1200 - Physical Geography **Credit Hours: 3**
- ANT 2511 - The Human Species **Credit Hours: 3**
- MCB 1310 - Introduction to Biotechnology and Genetic Engineering **Credit Hours: 3**
- GEO 2370 - Resources Geography **Credit Hours: 3**
- MET 2104 - The Earth's Climate **Credit Hours: 3**
- GLY 2038 - Environmental Geoscience **Credit Hours: 3**

Total Credit Hours: 36

* A one credit laboratory is also available for this course.

+ Both courses must be taken in sequence and successfully completed to receive GEP credit.

1 A grade of "C-" (1.75) or better is required in this course.

2 A grade of "C-" (1.75) or better satisfies three hours of the Gordon Rule requirement.

College of Arts and Humanities

Africana Studies Minor

College

College of Arts and Humanities

Department

Department of History

Program Type

Minor

Program Contact Information

College of Arts and Humanities
History Department
Trevor Colbourn Hall (TCH), 319
 407-823-2225
history@ucf.edu

Associate Professor & Coordinator of Africana Studies: Dr. Fon Gordon
 Fon.Gordon@ucf.edu

Program Description

The College of Arts and Humanities offers a minor in Africana Studies, which gives students the opportunity to explore the African Diaspora experience from a multi-disciplinary perspective. It is dedicated to developing knowledge and expertise of the Africana Diaspora, including Africa, North America, Central and South America, the Caribbean, Europe and beyond. The minor incorporates courses from many different disciplines including Music, Fine Arts, History, English, Foreign Languages, Political Science, Psychology, Sociology, Anthropology, Film, Theatre and the Sciences.

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Required Courses

12 Total Credits

- Complete all of the following
 - Complete the following:
 - AFA3102 - Introduction to Africana Studies: A Multidisciplinary Approach (3)
 - AFA3104 - The Black Intellectual Experience (3)
 - AFA3006 - The African Diaspora: Theories and Movements (3)
 - Complete at least 1 of the following:
 - AFA3850 - Researching Africana Heritage and Life (3)
 - AFA4242 - Contemporary Issues in Africana Studies (3)

Restricted Electives

6 Total Credits

- Complete 1 of the following
 - Select two courses from one of the following areas of specialization.
 - A list of approved restricted elective courses is found in the myKnight audit.
 - Additional courses may be used only with the prior permission of the Program Director General-Interdisciplinary
 - Complete at least 2 of the following:
 - AFA3300 - African-American and Caribbean Music (3)
 - AFA3371 - Evolution of Hip Hop (3)
 - AFA4105 - Documenting Africana Heritage and Life (3)
 - AML3613 - Narratives of Slavery (3)
 - FIL3831 - Black Cinema (3)
 - INR3250 - Politics of Pan-Africanism (3)
 - LAS4023 - African Caribbean Experience (3)
 - LIT3192 - Caribbean Literature (3)
 - SOP3724 - Psychology of Prejudice (3)
 - SYD3700 - Race and Ethnicity (3)
 - WST3460 - Women, Race and Struggle (3)

Caribbean/Central, South America

- Complete at least 2 of the following:
 - AFA3371 - Evolution of Hip Hop (3)
 - AFA3955 - Study Abroad in the Caribbean (3)
 - AML3615 - Harlem, Haiti, and Havana (3)
 - ANT4340 - Caribbean Cultures (3)
 - FIL3831 - Black Cinema (3)
 - LAH3470 - History of the Caribbean (3)
 - LAS4023 - African Caribbean Experience (3)
 - LIT3192 - Caribbean Literature (3)

North American

- Complete at least 2 of the following:
 - AFA3300 - African-American and Caribbean Music (3)
 - AFA3371 - Evolution of Hip Hop (3)
 - AMH3403 - History of the South Since 1865 (3)
 - AMH3572 - Black American History II (3)
 - AML3613 - Narratives of Slavery (3)
 - AML3614 - Topics in African-American Literature (3)
 - AML3615 - Harlem, Haiti, and Havana (3)
 - FIL3831 - Black Cinema (3)
 - MUL2016 - Evolution of Jazz (3)
 - PHP3781 - African-American Philosophy (3)
 - POS4622 - Politics and Civil Rights (3)
 - PUP3314 - Minorities in American Politics (3)

African Continental

- Complete at least 2 of the following:
 - AFA3300 - African-American and Caribbean Music (3)

- AFA3371 - Evolution of Hip Hop (3)
- AFH3100 - African History to 1870 (3)
- AFH3200 - African History Since 1870 (3)
- ANT4352 - African Societies and Cultures (3)
- FIL3831 - Black Cinema (3)
- INR3250 - Politics of Pan-Africanism (3)
- INR3253 - International Politics of Africa (3)
- MUL2016 - Evolution of Jazz (3)
- PHI3790 - African Philosophy (3)

Grand Total Credits: **18**

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

Other Requirements

- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades below "C" (2.0) in lower level courses are not accepted.
- At least 12 hours used in the minor must be earned at UCF
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor without the approval of the program coordinator.
- All minors are required to attend an orientation session at beginning of the first semester after the minor is declared.
- Complete an exit survey and audit check in the graduating semester.

American Studies Minor

College

College of Arts and Humanities

Department

Department of History

Program Type

Minor

Program Website

American Studies Minor

Program Contact Information

**College of Arts and Humanities
History Department
Trevor Colbourn Hall (TCH), 319**

Chair: Dr. Peter Larson
407-823-2225
Peter.Larson@ucf.edu

Program Description

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Prerequisite Admission Courses

Required Courses

- Complete all of the following
 - Select 5 (one from each category)
Literature
 - Complete at least 1 of the following:
 - AML3031 - American Literature I (3)
 - AML3682 - Ethnic Literature in America (3)
 - AML4101 - American Novel (3)
 - AML3261 - Literature of the South (3)
 - AML4300 - Major American Authors (3)
 - AML4321 - Modern American Literature (3)
 - AML4630 - Latino/Latina Literature (3)
 - Social Sciences and Social Issues
 - Complete at least 1 of the following:
 - CCJ3014 - Crime in America (3)
 - INR4102 - American Foreign Policy (3)
 - INR4114 - American Security Policy (3)
 - INR4225 - The Vietnam War (3)
 - POS3173 - Southern Politics (3)
 - POS3234 - Protest in American Politics (3)
 - POS3413 - The American Presidency (3)
 - PUP3314 - Minorities in American Politics (3)
 - SYD3700 - Race and Ethnicity (3)
 - SYP3630 - Popular Culture In Society (3)
 - History
 - Complete at least 1 of the following:
 - AMH3402 - History of the South to 1865 (3)
 - AMH3403 - History of the South Since 1865 (3)
 - AMH3441 - History of the Frontier: Eastern America (3)
 - AMH3442 - History of the Frontier: Western America (3)
 - AMH3541 - U. S. Military History To 1900 (3)
 - AMH3561 - Women in American History I (3)
 - AMH3562 - Women in American History II (3)
 - AMH3571 - Black American History I (3)
 - AMH3572 - Black American History II (3)
 - AMH4110 - Colonial America, 1607-1763 (3)
 - AMH4130 - The Age of the American Revolution, 1763-1789 (3)
 - Philosophy and Religion

- Complete at least 1 of the following:
 - ANT3245 - Native American Religions (3)
 - PHH3700 - American Philosophy (3)
 - PHH3701 - Native American Philosophy (3)
 - PHP3781 - African-American Philosophy (3)
 - REL3123 - Asian Religions in America (3)
 - REL3130 - Religion in America (3)
- Art, Humanities, and Culture
- Complete at least 1 of the following:
 - AFA3102 - Introduction to Africana Studies: A Multidisciplinary Approach (3)
 - AFA3371 - Evolution of Hip Hop (3)
 - AMH3580 - North American Indians (3)
 - AMH3586 - History of Latinos in the U.S. (3)
 - AMH3611 - Sport in America Since 1945 (3)
 - AMH4311 - American Culture I (3)
 - AMH4644 - Viewing American History in the Twentieth Century (3)
 - ANT3311 - Indians of the Southeastern United States (3)
 - ANT4153 - North American Archaeology (3)
 - ARH3610 - American Art (3)
 - ARH3631 - African-American Art (3)
 - FIL3831 - Black Cinema (3)
 - FIL3871 - The American Film Artist (3)
 - HUM4459 - American Cultural Studies in Humanities (3)

Restricted Electives

- Complete all of the following
 - A list of approved restricted elective courses is found in the myKnight audit
 - 3 additional upper level hours. Select courses not already used from lists above or one of the following lower-division courses.
 - Complete at least 1 of the following:
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)

Foreign Language Requirements

- None

Program Details

Other Requirements:

- Students must earn at least a "C" (2.0) in each course used to satisfy the minor.
- At least 15 credit hours must be earned in upper level credits; no more than 3 hours lower level credits.
- At least 12 hours used in the minor must be earned at UCF.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor.
- No more than 6 hours may be taken in any of the areas listed above.

Applied Linguistics Minor

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

Program Type

Minor

Program Website

Applied Linguistics Minor

Program Contact Information

College of Arts and Humanities
Department of Modern Languages
Trevor Colbourn Hall, Room 358A
407-823-2472
ModernLanguages@ucf.edu

Professor: *Dr. Gergana Vitanova*
gergana.vitanova@ucf.edu

Program Description

Applied Linguistics is a vibrant, interdisciplinary field that explores topics in language science, second language acquisition, and language teaching practices. Through the four core courses and a wide range of electives, Applied Linguistics students will develop skills that are required by many employers today, for example, critical thinking, research, oral and written communication skills.

Students will be able to apply their professional knowledge in a variety of settings such as English language programs in the United States and abroad, non-profit organizations, and corporate settings.

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Admission Courses

- Some of the elective courses may require prerequisite courses. We strongly recommend that you consult with an advisor to verify prerequisite course requirements before selecting your courses.

Required Courses

- Complete all of the following
 - Complete the following:
 - TSL3251 - Applied Linguistics for ESL (3)
 - TSL4251 - Sociolinguistics for ESL (3)
 - TSL3346 - Introduction to TEFL (3)
 - Complete at least 1 of the following:
 - LIN3010 - Principles of Linguistics (3)
 - TSL4240 - Issues in Second Language Acquisition (3)

Restricted Electives

- Complete all of the following
 - Earn at least 6 credits from the following:
 - ENC3250 - Professional Writing (3)
 - ENC3521 - Writing Across Difference (3)
 - ENC4378 - Writing in Global and Transnational Contexts (3)
 - ENC4416 - Writing in Digital Environments (3)
 - EXP3640 - Psychology of Language (3)
 - FRE3780 - French Phonetics and Diction (3)
 - FRE4701 - Francophone Linguistics (3)
 - LIN3010 - Principles of Linguistics (3)
 - LIN3673 - Rhetorical Grammar (3)
 - LIN3713 - Language Science (3)
 - LIN4105 - History of the English Language (3)
 - LIN4680 - Modern English Grammar (3)
 - PHI4221 - Philosophy of Language (3)
 - SPA3112C - Basic Phonetics (4)
 - SPN4780 - Spanish Phonetics (3)
 - SPN4850 - Structure of the Spanish Language (3)
 - TSL4240 - Issues in Second Language Acquisition (3)
 - TSL4943 - L2 Academic Language Instruction (3)
 - Students may take 4 or 8 hours of any of these non-Romance, non-Germanic language courses: Arabic (ARA 1120, 1121), Chinese (CHI 1120, CHI 1121), Japanese (JPN 1120, 1121), Korean (KOR 1120, 1121), Russian (RUS 1120, 1121). (Note: Heritage or native speakers cannot take courses in their own language. To avoid problems, they should consult with an advisor to select a foreign language course.)

Foreign Language Requirements

- None

Other Requirements

- Complete all of the following
 - A grade of "C" (2.0) or better is required in each course used to satisfy the minor.
 - At least 12 hours used in the minor must be earned at UCF.
 - No credit by exam (TSD, Military credit) may be used.
 - Internship, Independent Study, or Co-op cannot be used toward the minor.

Program Details

Architecture (B.Des.)

College

College of Arts and Humanities

Department

School of Visual Arts and Design

Program Type

Major

Program Contact Information

College of Arts and Humanities
School of Visual Arts and Design
407-582-5500
architecture@ucf.edu

Program Description

This program is offered by UCF at the Valencia West Campus.

The Bachelor of Design in Architecture was created to meet the local need in Central Florida for an architecture program. The Bachelor of Design (B.Des.) degree program is a partnership with Valencia College and the University of Florida, as part of a 2+2+2 program to enable students to complete an NAAB accredited architectural program in Central Florida. Note: Architecture (B.Des.) majors must have continual access to a computer. Contact the Architecture advising office (407-582-5500) for the minimum hardware and software specifications.

Admission Requirements

- Completion of an Associate of Arts (A.A.) in Architecture (or similar program) that meets the common course prerequisites of the Bachelor of Design in Architecture program.
- Submission of a completed UCF application packet.
- Participation in a competitive review prior to acceptance.
- Completion of the General Education Program (GEP) at UCF or equivalent.
- UCF admission files from other transfer students will be reviewed on an individual basis to determine if prerequisites and General Education Program requirements are met.
- Successful completion of PHY 2053C, or its equivalent, with a "C" (2.0) or better is required.

Degree Requirements

- Students who change degree programs and select this major must adopt the current catalog.
- Departmental Residency Requirement consists of at least 36 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF School of Visual Arts and Design.
- Students must earn at least a "C" (2.0) in each required course and maintain an overall GPA of at least 2.0.
- Co-op credit cannot be used in this major.
- Students should consult with an architecture advisor before selecting the major, and at least annually thereafter.
- Completion of at least 120 semester hours of course work, including all required courses.
- No more than 12 hours of overlap allowed in majors or minors completed in the School of Visual Arts and Design.

General Education (GEP)

0 Total Credits

- Students who have not satisfied General Education Requirements before transferring will complete the remaining courses at UCF. The specific course will depend on the general education courses completed as part of their earlier coursework. If a student has an A.A. degree from any Florida college or university, they will have satisfied the GEP requirements.

Communication Foundations

9 Total Credits

- Earn at least 9 credits from the following course sets:
 GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

Cultural and Historical Foundations

9 Total Credits

- Earn at least 9 credits from the following course sets:
 GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)

Mathematical Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:
 GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)

Social Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:
 GEP 9- Social Foundation

- ANT2000 - General Anthropology (3)
- HSA2117 - Civic Engagement in the US Healthcare System (3)
- PSY2012 - General Psychology (3)
- SYG2000 - Introduction to Sociology (3)

GEP 10- Social Foundation

- AMH2020 - U.S. History: 1877-Present (3)
- ECO2013 - Principles of Macroeconomics (3)
- ECO2023 - Principles of Microeconomics (3)
- POS2041 - American National Government (3)

Science Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:

GEP 11- Science Foundation

- AST2002 - Astronomy (3)
- CHM1020 - Concepts in Chemistry (3)
- CHM1032 - General Chemistry (3)
- CHM2045C - Chemistry Fundamentals I (4)
- CHS1440 - Principles of Chemistry (4)
- PHY1038 - Physics of Energy, Climate Change and Environment (3)
- PHY2020 - Concepts of Physics (3)
- PHY2048 - General Physics Using Calculus I (3)
- PHY2053 - College Physics I (3)
- PSC1121 - Physical Science (3)

GEP 12- Science Foundation

- ANT2511 - The Human Species (3)
- BSC1005 - Biological Principles (3)
- BSC2010C - Biology I (4)
- EVR1001 - Introduction to Environmental Science (3)
- GEO1200 - Physical Geography (3)
- GEO2370 - Resources Geography (3)
- GLY1030 - Geology and its Applications (3)
- GLY2038 - Environmental Geoscience (3)
- MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
- MET2104 - The Earth's Climate (3)

Grand Total Credits: **36**

Common Program Prerequisites (CPP) (If applicable)

36 - 37 Total Credits

- Complete all of the following
 - Earn at least 30 credits from the following types of courses:
found below:
 - ARC 1201 - Theory of Architecture Credit Hours: 2
 - ARC 1301 - Architectural Design I Credit Hours: 4
 - ARC 1302 - Architectural Design II Credit Hours: 4
 - ARC 1701 - History of Architecture I Credit Hours: 3
 - ARC 2180 - Introduction to Digital Architecture Credit Hours: 3
 - ARC 2303 - Architectural Design III Credit Hours: 5
 - ARC 2304 - Architectural Design IV Credit Hours: 5
 - ARC 2461 - Materials & Methods of Construction Credit Hours: 4
 - ARC 2702 - History of Architecture II Credit Hours: 3
 - Complete at least 1 of the following:
 - MAC1114C - College Trigonometry (3)
 - MAC1140C - Pre-Calculus Algebra (3)
 - PHY2053C - College Physics I Studio (4)
 - Complete the following:
 - ARC3503 - Architectural Structures (3)
 - ARC 3503- Completed at UCF once admitted into program.

Grand Total Credits: **36 - 37**

Degree Requirements

Core Requirements: Basic Level

0 Total Credits

- Complete all of the following
 - Completed in the A.A. in Architecture from Valencia College with two exceptions.
 - While ARC 2461, Materials and Methods of Construction, and ARC 2180, Introduction to Digital Architecture, are electives in Valencia College's architecture program, they're required for the B.Des. at UCF. See courses below.
 - ARC 1201 - Theory of Architecture Credit Hours: 2 (CPP)
 - ARC 1301 - Architectural Design I Credit Hours: 4 (CPP)
 - ARC 1302 - Architectural Design II Credit Hours: 4 (CPP)
 - ARC 1701 - History of Architecture I or equivalent Credit Hours: 3 (CPP)
 - ARC 2180 - Introduction to Digital Architecture Credit Hours: 3 (CPP)
 - ARC 2303 - Architectural Design III Credit Hours: 5 (CPP)
 - ARC 2304 - Architectural Design IV Credit Hours: 5 (CPP)
 - ARC 2461 - Materials and Methods of Construction Credit Hours: 4 (CPP)
 - ARC 2702 - History of Architecture II or equivalent Credit Hours: 3 (CPP)
 - PHY 2053C - College Physics I Credit Hours: 4 (GEP)

Core Requirements: Advanced Level

42 Total Credits

- Complete all of the following
 - Completed as part of the Bachelor of Design program at UCF.
 - Earn at least 42 credits from the following:
 - ARC3181 - Advanced Topics in Digital Architecture (3)
 - ARC3320L - Architectural Design 5 (6)
 - ARC3321L - Architectural Design 6 (6)
 - ARC3463 - Materials and Methods of Construction 2 (3)
 - ARC3503 - Architectural Structures (3)
 - ARC3610 - Environmental Technology 1 (3)
 - ARC3463 - Materials and Methods of Construction 2 (3)
 - ARC4220 - Architectural Theory 2 (3)
 - ARC4322L - Architectural Design 7 (6)
 - ARC4323L - Architectural Design 8 (6)
 - ARC4620 - Environmental Technology 2 (3)
 - CPP Course : ARC 3503

Grand Total Credits: **42**

Program Details

Restricted Electives

- None

Capstone Requirements

- None

Electives

- Select primarily from upper level courses after meeting with the program advisor.

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- Signature Experience requirement is met by successful completion of the following course(s):
- ARC 4323L - Architectural Design 8 **Credit Hours: 6**

Required Minors

- None

Departmental Exit Requirements

- Achieve at least a "C" or better in all courses used to satisfy major requirements.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- Students interested in completing Honors in the Major should contact their program advisor. More information about Honors in the Major can be found at <http://research.honors.ucf.edu/honors-in-the-major>.

Related Programs

- None

Certificates

- Public and Professional Writing Certificate

Related Minors

- Art - Studio Minor
- Art History Minor
- Cognitive Sciences Minor
- Digital Media Minor
- English, Technical Communication Minor
- Film, Cinema Studies Minor
- Humanities and Cultural Studies Minor
- Philosophy Minor
- Urban and Regional Planning Minor
- Writing and Rhetoric Minor

Advising Notes

- <http://svad.cah.ucf.edu/advising>
- architecture@ucf.edu

Transfer Notes

- Grades less than a "C" (2.0) are not accepted.
- Students transferring from any Florida public institution with an A.A. degree or with general education program (GEP) requirements of that institution met have thereby satisfied UCF GEP requirements.
- Lower division courses do not substitute for upper division courses.
- Transfer courses must be evaluated for equivalency credit and/or for use in the area by the department. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses

- Acceptable substitutes for General Education and Common Program Prerequisites will be determined by the School of Visual Arts and Design and the University.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.o eas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Full-Time Student: \$90 per term

Plan of Study

Freshman Year - Fall (16 Credit Hours)

- ARC 1301 - Architectural Design I (Valencia College) **Credit Hours: 4**
- ARC 1701 Architectural History I (Valencia College) **Credit Hours: 3**
- ENC 1101 - Composition I **Credit Hours: 3**
- GEP **Credit Hours: 3**
- MAC 1114C or MAC 1140C **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

-
- ARC 1302 Architectural Design II (Valencia College) **Credit Hours: 4**
 - ARC 1201 Theory of Architecture (Valencia College) **Credit Hours: 2**
 - ENC 1102 - Composition II **Credit Hours: 3**
 - GEP **Credit Hours: 3**
 - GEP **Credit Hours: 3**

Freshman Year - Summer (7 Credit Hours)

- PHY 2053C - College Physics I **Credit Hours: 4**
- General Education **Credit Hours: 3**

Sophomore Year - Fall (18 Credit Hours)

- ARC 2303 Architectural Design III (Valencia College) **Credit Hours: 5**
- ARC 2702 Architectural History II (Valencia College) **Credit Hours: 3**
- ARC 2461 Materials and Methods of Construction (Valencia College) **Credit Hours: 4**
- General Education **Credit Hours: 3**
- General Education **Credit Hours: 3**

Sophomore Year - Spring (14 Credit Hours)

- ARC 2180 Introduction to Digital Architecture (Valencia College) **Credit Hours: 3**
- ARC 2304 Architectural Design IV (Valencia College) **Credit Hours: 5**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Participate in Competitive Pin Up Review

Junior Year - Fall (12 Credit Hours)

- ARC 3320L - Architectural Design 5 **Credit Hours: 6**
- ARC 3503 - Architectural Structures **Credit Hours: 3**
- ARC 3181 - Advanced Topics in Digital Architecture **Credit Hours: 3**

Junior Year - Spring (14 Credit Hours)

- ARC 3321L - Architectural Design 6 **Credit Hours: 6**
- ARC 3610 - Environmental Technology 1 **Credit Hours: 3**
- ARC 3743 - Architectural History 3 **Credit Hours: 3**
- Elective **Credit Hours: 2**

Senior Year - Fall (12 Credit Hours)

- ARC 4322L - Architectural Design 7 **Credit Hours: 6**
- ARC 4220 - Architectural Theory 2 **Credit Hours: 3**
- ARC 4620 - Environmental Technology 2 **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- ARC 4323L - Architectural Design 8 **Credit Hours: 6**
- ARC 3463 - Materials and Methods of Construction 2 **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**

Art History Minor

College

College of Arts and Humanities

Department

School of Visual Arts and Design

Program Type

Minor

Program Website

Art History Minor

Program Contact Information

College of Arts and Humanities
School of Visual Arts and Design
Visual Arts Building (VAB), 117
 407-823-2676
svadadvising@ucf.edu

Admission Requirements

None

Program Description

The School of Visual Arts and Design affirms that a theoretical and working understanding of the historical meanings and studio applications of the human image are critical in the education of Visual Art and Art History students. To develop such an understanding, art courses often utilize images of clothed and unclothed human figures and, in certain studio classes, live nude models.

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Required Courses

15 Total Credits

- Complete all of the following
 - Complete the following:
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - ARH2500 - History of Non-Western Art (3)
 - Complete at least 1 of the following:
 - ARH4310 - Italian Renaissance Art (3)
 - ARH4450 - 20th Century Art (3)
 - Complete at least 1 of the following:
 - ARH3670 - 20th Century Latin American Art (3)
 - ARH4130 - Greek Art and Architecture (3)
 - ARH4150 - Roman Art and Architecture (3)
 - ARH4653 - Meso American Art (3)

Restricted Electives

3 Total Credits

- Complete all of the following
 - A list of approved restricted elective courses is found in the myKnight audit
 - Complete at least 1 of the following:
 - ARH4200 - Medieval Art (3)
 - ARH4350 - Baroque Art (3)
 - ARH4800 - Theory and Criticism of the Visual Arts (3)
 - ARH4871 - Women in Art (3)
 - ARH4430 - 19th Century Art (3)

Grand Total Credits: **18**

Program Details

Foreign Language Requirements

- None

Other Requirements

- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades below "C" (2.0) in lower level courses are not accepted.
- At least 12 hours used in the minor must be earned at UCF within the School of Visual Arts and Design.
- No credit by exam (TSD, Military credit) may be used.
- Co-op, Independent Study, Directed Research, or Internship credit cannot be used in the minor

Art, History Track (B.A.)

College

College of Arts and Humanities

Department

School of Visual Arts and Design

Program Type

Major

Program Contact Information

College of Arts and Humanities

School of Visual Arts and Design

Visual Arts Building (VAB), 117

407-823-2676

svadadvising@ucf.edu

Program Description

The Art History track provides a foundation for the understanding of art, in all of its various forms, and encourages the development of visual literacy. Contextual, as well as stylistic approaches, provide exposure to different methodologies involved in the study of visual material. A broad range of courses foster critical thinking, multicultural awareness, civic and global responsibility, and provide art historical skills that lead to an understanding of image making and the power and function of images.

The School affirms that a theoretical and working understanding of the historical meanings and studio applications of the human image are critical in the education of Visual Art and Art History students. To develop such an understanding and as part of the program some courses study the form and proportion of the human figure. **Art History courses utilize images of clothed and unclothed human figures. Nude models are used as reference in Studio courses.**

Admission Requirements

- None

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Departmental Residency Requirement consists of at least 18 semester hours of regularly scheduled Art History (ARH) 3000-4000 level courses taken from the UCF School of Visual Arts and Design.
- Students must earn at least a "C" (2.0) in each course required for the major.
- Co-op credit cannot be used in the major.
- Students should consult with the SVAD advisor each semester.

General Education (GEP)

Communication Foundations

9 Total Credits

- Earn at least 9 credits from the following course sets:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

Cultural and Historical Foundations

9 Total Credits

- Complete all of the following
 - Preferred:
 - Complete the following:
 - HUM2020 - Encountering the Humanities (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)

Mathematical Foundations

18 Total Credits

No Rules

Math:

3 Total Credits

- Complete all of the following
 - Suggested:
 - Complete at least 1 of the following:
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - You may substitute a higher level math with appropriate scores on the Math Placement Exam.

Statistics - Computers

3 Total Credits

- Complete at least 1 courses from the following:
GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)

Social Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:
GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)

- MET2104 - The Earth's Climate (3)

Grand Total Credits: **36**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - Complete at least 2 of the following:
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - ART2201C - Design Fundamentals-Two Dimensional (3)
 - ART2300C - Drawing Fundamentals I (3)
 - ARH 2050 History of Western Art I & ARH 2051 History of Western Art II- GEP

Grand Total Credits: **6**

Degree Requirements

Core Requirements: Basic Level
6 Total Credits

- Complete all of the following
 - Complete the following:
 - ARH2500 - History of Non-Western Art (3)
 - Earn at least 3 credits from the following types of courses:
Intermediate Language and Civilization I. Proficiency equivalent to three semesters in a single foreign language. German, French, or Italian preferred.

Core Requirements: Advanced Level
18 Total Credits

- Complete all of the following
 - Complete the following:
 - ARH3471 - Art in the Last 25 Years (3)
 - ARH4310 - Italian Renaissance Art (3)
 - ARH4430 - 19th Century Art (3)
 - ARH4450 - 20th Century Art (3)
 - ENC3315 - Argumentative Writing (3)
 - Complete at least 1 of the following:
 - ARH4130 - Greek Art and Architecture (3)
 - ARH4150 - Roman Art and Architecture (3)

Electives
42 Total Credits
No Rules
Restricted Electives
24 Total Credits

- Complete at least 8 of the following:
 - ARH3610 - American Art (3)
 - ARH3710 - History of Photography I (3)
 - ARH3713 - 20th Century Photographic History (3)
 - ARH3728 - History of Illustration (3)
 - ARH3888 - Art of Walt Disney (3)
 - ARH4200 - Medieval Art (3)
 - ARH4350 - Baroque Art (3)
 - ARH4653 - Meso American Art (3)
 - ARH4871 - Women in Art (3)

Electives
18 Total Credits

- Complete all of the following
 - Complete at least 6 of the following:

- ARH3631 - African-American Art (3)
- ARH3670 - 20th Century Latin American Art (3)
- ARH3674 - Latin American Popular Culture (3)
- ARH3683 - Southern Folk Arts (3)
- ARH4130 - Greek Art and Architecture (3)
- ARH4150 - Roman Art and Architecture (3)
- ARH4352 - Italian Baroque Art (3)
- ARH4316 - Great Masters: daVinci, Michelangelo, and Raphael (3)
- ARH5897 - Advanced Seminar in Art History (3)
- ARH 3XXX-4XXX - Additional Art History course Credit Hours: 3
- CAH Upper Level (3XXX-4XXX) courses Credit Hours: 9 maximum

Capstone Requirements:
3 Total Credits

- Complete the following:
 - ARH4800 - Theory and Criticism of the Visual Arts (3)

Grand Total Credits: **69**

Program Details

Electives

- Select primarily from upper level courses after meeting with an SVAD advisor.
- Students interested in Study Abroad can use up to 3 hours towards elective credits.

Foreign Language Requirements

Admissions

- Met by graduation requirement.

Graduation

- Proficiency equivalent to three semesters of college instruction in a single foreign language taught by the Department of Modern Languages and Literatures or the Department of History (Hebrew). German, French or Italian preferred, although other languages are acceptable with prior consent of advisor. Standardized examinations for foreign languages may be used to meet the requirement.

Additional Requirements

- Signature Experience requirement is met by successful completion of the following course(s):
- ARH 4800 - Theory and Criticism of the Visual Arts **Credit Hours: 3**

Required Minors

- None

Departmental Exit Requirements

- Achieve at least a 2.0 GPA in all courses used to satisfy major requirements.

University Minimum Exit Requirements

- A 2.0 UCF GPA

- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- Students interested in completing Honors in the Major should contact their program advisor. More information about Honors in the Major can be found at <http://research.honors.ucf.edu/honors-in-the-major>. Up to 6 hours can be used towards elective, hours must be completed through SVAD.

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- <http://svad.cah.ucf.edu/advising>
- svadadvising@ucf.edu

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$31.50 per term
- Full-Time Student: \$63 per term

Plan of Study

Freshman Year - Fall (15 Credit Hours)

- ARH 2050 - History of Western Art I **Credit Hours: 3**
- ART 2201C - Design Fundamentals-Two Dimensional **Credit Hours: 3**
- ENC 1101 - Composition I **Credit Hours: 3**
- GEP **Credit Hours: 3**

- GEP **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

- ARH 2051 - History of Western Art II **Credit Hours: 3**
- ART 2300C - Drawing Fundamentals I **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Sophomore Year - Fall (16 Credit Hours)

- ENC 3315 - Argumentative Writing **Credit Hours: 3**
- ARH Upper Level Restricted Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Foreign Language Elementary Level I **Credit Hours: 3**

Select one:

- ARH 4130 - Greek Art and Architecture **Credit Hours: 3**
- ARH 4150 - Roman Art and Architecture **Credit Hours: 3**

Sophomore Year - Spring (16 Credit Hours)

- ARH 2500 - History of Non-Western Art **Credit Hours: 3**
- ARH 4310 - Italian Renaissance Art **Credit Hours: 3**
- ARH Upper Level Restricted Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Foreign Language Elementary Level II **Credit Hours: 4**

Junior Year - Fall (15 Credit Hours)

- ARH 4430 - 19th Century Art **Credit Hours: 3**
- ARH Upper Level Restricted Elective **Credit Hours: 3**
- ARH Upper Level Restricted Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- Foreign Language Intermediate I **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- GEP **Credit Hours: 3**
- ARH 3471 - Art in the Last 25 Years **Credit Hours: 3**
- ARH Upper Level Restricted Elective **Credit Hours: 3**
- ARH Upper Level Restricted Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- ARH 4800 - Theory and Criticism of the Visual Arts **Credit Hours: 3**
- ARH Upper Level Restricted Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- ARH 4450 - 20th Century Art **Credit Hours: 3**

- ARH Upper Level Restricted Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- Elective **Credit Hours: 1**

Art - Studio Minor

College

College of Arts and Humanities

Department

School of Visual Arts and Design

Program Type

Minor

Program Website

Art - Studio, Minor

Program Contact Information

College of Arts and Humanities
School of Visual Arts and Design
Visual Arts Building (VAB), 117
 407-823-2676
svadadvising@ucf.edu

Program Description

The Art Studio Minor provides students with a solid foundation in the techniques and theory in studio art. Students are able to explore more in-depth concepts and practices by enrolling in upper level courses in multiple specializations.

As part of the program, some courses study the form and proportion of the human figure nude models are used as reference.

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Prerequisite Admission Courses

Required Courses

- Earn at least 18 credits from the following:
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - ART2201C - Design Fundamentals-Two Dimensional (3)
 - ART2203C - Design Fundamentals-Three Dimensional (3)
 - ART2300C - Drawing Fundamentals I (3)
 - ART2301C - Drawing Fundamentals II (3)
 - ART3950 - Studio Art Portfolio

Restricted Electives

- Earn at least 6 credits from the following types of courses:
Complete six (6) hours of Studio Art courses at the 3XXX-4XXX level. A list of approved restricted elective courses is found in the myKnight audit

Foreign Language Requirements

- None

Other Requirements

- Complete all of the following
 - A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
 - Complete six (6) hours of Studio Art courses at the 3XXX-4XXX level at UCF within the School of Visual Arts and Design.
 - At least 12 hours used in the minor must be earned at UCF within the School of Visual Arts and Design.
 - No credit by exam (TSD, Military credit) may be used.
 - Co-op, Independent Study, Directed Research, or Internship credit cannot be used in the minor.
 - Students in this program must satisfactorily complete the mandatory Studio Art Portfolio review prior to enrolling in portfolio restricted upper level Studio Art courses. Students enroll in ART 3950 the semester after passing the Studio Art Portfolio review.

Program Details

Art, Studio Track (B.A.)

College

College of Arts and Humanities

Department

School of Visual Arts and Design

Program Type

Major

Program Contact Information

College of Arts and Humanities
School of Visual Arts and Design
Visual Arts Building (VAB), 117
407-823-2676
svadadvising@ucf.edu

Program Description

Note: Although the School maintains a computer lab for student use, students must have continual access to a laptop computer. Contact the School for the minimum hardware and software specifications. The School affirms that a theoretical and working understanding of the historical meanings and studio applications of the human image are critical in the education of Visual Art and Art History students. **To develop such an understanding, Art courses often utilize images of clothed and unclothed human figures and, in certain studio classes, live nude models.**

Admission Requirements

- All students in this program must satisfactorily complete the mandatory Studio Art Portfolio Review before enrolling in portfolio restricted Studio Art courses.
- Students who do not pass the Studio Art Portfolio review should meet with an SVAD Advisor to discuss their options.
- Note: One-on-one portfolio reviews are not possible due to the large number of received portfolios.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Departmental Residency Requirement consists of at least 18 semester hours of regularly scheduled 3000-4000 level courses taken from the School of Visual Arts and Design.
- Students must earn a grade of "C" or better in each course used to satisfy major requirements.
- Co-op credit cannot be used in the major.
- Students should consult with their SVAD advisor each semester.

General Education (GEP)

Communication Foundations

9 Total Credits

- Earn at least 9 credits from the following course sets:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

Cultural and Historical Foundations

9 Total Credits

- Complete all of the following
 - Preferred:
 - Complete the following:
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - Complete the following:
 - HUM2020 - Encountering the Humanities (3)

Mathematical Foundations

6 Total Credits

No Rules

Math:

3 Total Credits

- Complete all of the following
 - Suggested:
 - Complete at least 1 of the following:
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - Or you may substitute a higher level math with appropriate scores on the Math Placement Test.

Statistics - Computers

3 Total Credits

- Earn at least 3 credits from the following course sets:
GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)

Social Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:
GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - Earn at least 15 credits from the following:
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - ART2201C - Design Fundamentals-Two Dimensional (3)
 - ART2203C - Design Fundamentals-Three Dimensional (3)
 - ART2300C - Drawing Fundamentals I (3)
 - ART2301C - Drawing Fundamentals II (3)
 - GRA2101C - Introduction to Computer Art (3)
 - Earn at least 3 credits from the following types of courses:
Any ART 2XXX-4XXX studio or media course
 - GEP Courses: ARH 2050, ARH 2051

Grand Total Credits: **18**

Degree Requirements

Core Requirements: Basic Level

6 Total Credits

- Complete the following:
 - ARH2500 - History of Non-Western Art (3)
 - ART2823 - Art as Interface (3)
 - ART3950 - Studio Art Portfolio

Core Requirements: Advanced Level

0 Total Credits

- None

Restricted Electives

27 Total Credits

- Complete 3 of the following
 - A list of approved restricted elective courses is found in the myKnight audit
 - Select nine upper division courses representative from at least three different areas.
 - At least three courses must be 4000-level courses.
Art History
 - Earn at least 9 credits from the following types of courses:
Any Upper Level ARH course(s)
Book Arts
 - Complete all of the following
 - Earn at least 9 credits from the following:
 - ART3170C - Book Binding (3)
 - ART3171C - Materials for Artist Books (3)
 - ART3175C - Advanced Issues in Contemporary Book Arts (3)
 - ART3176C - The Illuminated Book (3)
 - ART3737C - Narrative Sculpture (3)
 - ART4174C - The Printed Book (3)
 - ART4177C - Commercial Book Design and Publishing (3)
 - ART4644C - Books Without Books (3)
 - ART 4173C - Advanced Artist Book Credit Hours: 3 (May be repeated for credit.)
Ceramics
 - Complete all of the following
 - Earn at least 9 credits from the following:
 - ART3761C - Intermediate Ceramics (3)
 - ART3764C - Ceramic Handbuilding I (3)
 - ART4765C - Ceramic Handbuilding II (3)
 - ART4780C - Kiln Design and Building (3)
 - ART4783C - Advanced Ceramics (3)
 - ART4786C - Ceramic Raw Material (3)

- May be repeated for credit : ART 4783C
- Drawing
 - Complete all of the following
 - Earn at least 9 credits from the following:
 - ART3332C - Intermediate Drawing (3)
 - ART4320C - Advanced Drawing (3)
 - May be repeated for credit : ART 4320C
- Illustration
 - Complete all of the following
 - Earn at least 9 credits from the following:
 - GRA3747C - Intermediate Illustration I (3)
 - GRA4154C - Advanced Illustration (3)
 - May be repeated for credit : GRA 4154C
- Painting
 - Complete all of the following
 - Earn at least 9 credits from the following:
 - ART3504C - Intermediate Painting (3)
 - ART3562C - Observational Painting (3)
 - ART3561C - Experimental Painting (3)
 - ART4505C - Advanced Painting (3)
 - May be repeated for credit : ART 4505C
- Photography
 - Complete all of the following
 - Earn at least 9 credits from the following:
 - PGY3002 - Contemporary Photography (3)
 - PGY3204C - Experimental Studio Lighting in Photography (3)
 - PGY3407C - Film and Darkroom (3)
 - PGY3410C - Intermediate Photography (3)
 - PGY3412C - Photography in the Expanded Field (3)
 - PGY3933C - The Photo-book (3)
 - PGY4106C - Photography Theory and Practice (3)
 - PGY4420C - Advanced Photography (3)
 - PGY4440C - Special Problems in Photography (3)
 - May be repeated for credit : PGY 4106C, PGY 4440C
- Sculpture
 - Complete all of the following
 - Earn at least 9 credits from the following:
 - ART3709C - Intermediate Sculpture (3)
 - ART3713C - Figure Sculpture (3)
 - ART3734C - Metal Sculpture (3)
 - ART3768C - Clay Sculpture (3)
 - ART3738C - Mold Making and Casting (3)
 - ART4710C - Advanced Sculpture (3)
 - May be repeated for credit : ART 4710C
- Printmaking
 - Complete all of the following
 - Earn at least 9 credits from the following:
 - ART3403C - Intermediate Printmaking (3)
 - ART4402C - Advanced Printmaking (3)
 - ART 3433C - Screen Printing Credit Hours: 3
 - May be repeated for credit : ART 4402C
- Time Arts
 - Earn at least 9 credits from the following:
 - ART3161 - Mixed Media (3)
 - ART3833C - Processes and Ideas in Art (3)

Grand Total Credits: **33**

Program Details

Capstone Requirements

- None

Electives

- Select primarily from upper level courses, with school advisor's approval. May be outside of the school. (A maximum of six hours of Independent Study, Directed Research, or Internship permitted.)

Foreign Language Requirements

Admissions

- Met by graduation requirement.

Graduation

- Proficiency equivalent to one year of college instruction in a single foreign language taught by the Department of Modern Languages and Literatures or the Department of History (Hebrew). Standardized examinations for foreign languages may be used to meet the requirement.

Additional Requirements

- Signature Experience requirement is met by successful completion of the following course(s):
- ART 3950 - Studio Art Portfolio **Credit Hours: 0**

Required Minors

- None

Departmental Exit Requirements

- Maintain at least a 2.0 GPA in all courses used to satisfy major requirements.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- Students interested in completing Honors in the Major should contact their program advisor. More

information about Honors in the Major can be found at <http://research.honors.ucf.edu/honors-in-the-major>. Up to 6 hours can be used toward SVAD restricted electives, the hours must be completed through SVAD.

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- <http://svad.cah.ucf.edu/advising>
- svadadvising@ucf.edu

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.o eas.ucf.edu/al c/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$31.50 per term
- Full-Time Student: \$63 per term

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses

For common program prerequisites if taken:

- GRA 2101C - Introduction to Computer Art **Credit Hours: 3** may substitute 3 hours of any digital art course

Plan of Study

Freshman Year - Fall (15 Credit Hours)

- ART 2201C - Design Fundamentals-Two Dimensional **Credit Hours: 3**
- ARH 2050 - History of Western Art I **Credit Hours: 3**
- ART 2300C - Drawing Fundamentals I **Credit Hours: 3**
- ENC 1101 - Composition I **Credit Hours: 3**
- GEP **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

- ART 2203C - Design Fundamentals-Three Dimensional **Credit Hours: 3**
- ART 2301C - Drawing Fundamentals II **Credit Hours: 3**
- ARH 2051 - History of Western Art II **Credit Hours: 3**
- ART 2823 - Art as Interface **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**

Sophomore Year - Fall (16 Credit Hours)

- GRA 2101C - Introduction to Computer Art **Credit Hours: 3**
- Studio Art Restricted Elective Area 1 **Credit Hours: 3**
- Foreign Language Elementary I **Credit Hours: 4**
- Any 2000-4000 Level Studio Art Elective* **Credit Hours: 3**
- GEP **Credit Hours: 3**

*** Recommend taking a 3XXX or 4XXX level course.**

Sophomore Year - Spring (16 Credit Hours)

- ART 3950 - Studio Art Portfolio **Credit Hours: 0**
- Studio Art Restricted Elective Area 1 **Credit Hours: 3**
- Foreign Language Elementary II **Credit Hours: 4**
- ARH 2500 - History of Non-Western Art **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- Studio Art Restricted Elective Area 1 **Credit Hours: 3**
- Studio Art Restricted Elective Area 2 **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- Studio Art Restricted Elective Area 1 **Credit Hours: 3**
- Studio Art Restricted Elective Area 2 **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- Studio Art Restricted Elective Area 3 **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- Studio Art Restricted Elective Area 3 **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 4**

Art, Visual Arts Management Track (B.A.)

College

College of Arts and Humanities

Department

School of Visual Arts and Design

Program Type

Major

Program Contact Information

**College of Arts and Humanities
School of Visual Arts and Design
Visual Arts Building (VAB), 117
407-823-2676
svadadvising@ucf.edu**

Program Description

The Art BA, Visual Arts Management track enable students to explore the management side of the Visual Arts environment while providing a solid foundation in techniques and theory. A minor or approved area of emphasis is required to compliment the degree or explore a different area of interest. As part of the program, some courses study the form and proportion of the human figure nude models are used as reference.

Admission Requirements

- None

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students are required to complete a minor or an area of concentration to graduate. Examples of minors are listed below under "Additional Information," Students may choose another minor, not on the list, after consulting with their advisor.
- Students who complete a double major fulfill the minor or area of concentration requirement automatically.
- Departmental Residency Requirement consists of at least 18 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF School of Visual Arts and Design.
- The Studio Art Portfolio is NOT required for this track. However, if a student wishes to enroll in upper level portfolio restricted Studio Art courses, they will need to successfully complete the Studio Art Portfolio.
- Students must earn at least a "C" (2.0) in each course required for the major.
- Co-op internship credits are not permitted in this major without prior written permission.
- Students should consult with their SVAD advisor each semester.

General Education (GEP)

Communication Foundations

9 Total Credits

- Earn at least 9 credits from the following course sets:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

Cultural and Historical Foundations

9 Total Credits

- Complete all of the following
 - Preferred:
 - Complete the following:
 - HUM2020 - Encountering the Humanities (3)

- ARH2050 - History of Western Art I (3)
- ARH2051 - History of Western Art II (3)

Mathematical Foundations

6 Total Credits

No Rules

Math:

3 Total Credits

- Complete all of the following
 - Suggested:
 - Complete at least 1 of the following:
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - You may substitute a higher level math with appropriate scores on the Math Placement Exam.
Credit Hours: 3

Statistics:

3 Total Credits

- Complete all of the following
 - Required:
 - Complete the following:
 - CGS2100C - Computer Fundamentals for Business (3)

Social Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)

- MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
- MET2104 - The Earth's Climate (3)

Grand Total Credits: **36**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - Earn at least 18 credits from the following:
 - ART2201C - Design Fundamentals-Two Dimensional (3)
 - ART2203C - Design Fundamentals-Three Dimensional (3)
 - ART2300C - Drawing Fundamentals I (3)
 - ART2301C - Drawing Fundamentals II (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - GRA2101C - Introduction to Computer Art (3)
 - ART 2XXX-4XXX Any ART prefix, studio, or media course Credit Hours: 3
 - ARH 2050 & ARH 2051 - GEP
 - GRA 2101C- See Transfer Notes for possible substitutes
 - ART 2XXX-4XXX Any ART prefix, studio, or media course: Recommend taking a 3XXX or 4XXX level course

Grand Total Credits: **18**

Degree Requirements

Core Requirements: Basic Level

6 Total Credits

- Complete all of the following
 - Complete at least 2 of the following:
 - ART2823 - Art as Interface (3)
 - ARH2500 - History of Non-Western Art (3)
 - CGS2100C - Computer Fundamentals for Business (3)
 - CGS 2100C - GEP

Core Requirements: Advanced Level

21 Total Credits

- Complete all of the following
 - Complete the following:
 - ARH3471 - Art in the Last 25 Years (3)
 - Earn at least 12 credits from the following:
 - ART3161 - Mixed Media (3)
 - ART3170C - Book Binding (3)
 - ART3171C - Materials for Artist Books (3)
 - ART3403C - Intermediate Printmaking (3)
 - ART3504C - Intermediate Painting (3)
 - ART3562C - Observational Painting (3)
 - ART3709C - Intermediate Sculpture (3)
 - ART3761C - Intermediate Ceramics (3)
 - ART3764C - Ceramic Handbuilding I (3)
 - ART4945C - Advanced Design Lab (3)
 - PGY3204C - Experimental Studio Lighting in Photography (3)
 - PGY3410C - Intermediate Photography (3)
 - PGY3412C - Photography in the Expanded Field (3)
 - ART3950 - Studio Art Portfolio
 - Any other ART/GRA*/PGY (3XXX-4XXX level course)
 - *Does not include Graphic Design track specialization courses.
 - ART 3950 - Only required if the student intends to enroll in courses that require this as a pre-requisite
 - Complete at least 1 of the following:
 - ARH3820 - Visual Arts Administration Vitas (3)
 - ARH4800 - Theory and Criticism of the Visual Arts (3)
 - Complete at least 1 of the following:
 - ENC3250 - Professional Writing (3)
 - ENC4312 - Theory & Practice Persuasive Writing (3)
 - ENC4416 - Writing in Digital Environments (3)

Restricted Electives

6 Total Credits

- Complete at least 2 of the following:
 - ADV3008 - Principles of Advertising (3)
 - MAN3025 - Management of Organizations (3)
 - MAR3023 - Marketing (3)
 - PAD4144 - Nonprofit Organizations (3)
 - PUR4000 - Public Relations (3)

Capstone Requirements

3 Total Credits

- Complete the following:
 - ART4859C - Visual Arts Management BA Capstone (3)

Grand Total Credits: **36**

Program Details

Electives

- Select primarily from upper level courses, with school advisor's approval. May be outside of the school. (A maximum of six hours of Independent Study, Practicum, or Internship permitted)

Foreign Language Requirements

Admissions

- Met by graduation requirement

Graduation

- Proficiency equivalent to one year of college instruction in a single foreign language taught by the Department of Modern Languages and Literatures or the Department of History (Hebrew). Standardized examinations for foreign languages may be used to meet the requirement.

Additional Requirements

- Signature Experience requirement is met by successful completion of the following course(s):
- ART 4859C - Visual Arts Management BA Capstone **Credit Hours: 3**

Required Minor or Area of Concentration (18 Credit Hours)

- Students must complete a minor of at least 18 hours. See selected discipline for Minor requirements, information, and changes. University upper division credit hour requirements must be met. Students are discouraged from taking excess hours and should consider total credit hours required when selecting a minor. When no official minor is offered, students may complete an 18-credit-hour area of concentration when pre-approved by the program Area Coordinator.

Departmental Exit Requirements

- Achieve at least a 2.0 GPA in all courses used to satisfy major requirements.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- Students interested in completing Honors in the Major should contact their program advisor. More information about Honors in the Major can be found at <http://research.honors.ucf.edu/honors-in-the-major>. Up to 6 hours can be used toward elective, hours must be complete through SVAD.

Related Programs

- None

Certificates

- None

Related Minors

- Art History Minor
- Business Minor
- Digital Humanities Minor
- Digital Media Minor
- Entrepreneurship Minor
- Event Management Minor
- Film, Cinema Studies Minor
- Magazine Journalism Minor
- Marketing Minor
- Public Administration Minor
- Technological Entrepreneurship Minor
- Theatre Minor

Advising Notes

- <http://svad.cah.ucf.edu/advising>
- svadadvising@ucf.edu

Transfer Notes

- Grades less than a "C" (2.0) are not accepted.
- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide supporting information.

Acceptable Substitutes for Transfer Courses

Acceptable Substitutes for common program prerequisites if taken prior to transferring to UCF:

- GRA 2101C may substitute for 3 hours of any digital art course.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$31.50 per term
- Full-Time Student: \$63 per term

Plan of Study

Freshman Year - Fall (15 Credit Hours)

- ARH 2050 - History of Western Art I **Credit Hours: 3**
- ART 2201C - Design Fundamentals-Two Dimensional **Credit Hours: 3**
- ART 2300C - Drawing Fundamentals I **Credit Hours: 3**
- ENC 1101 - Composition I **Credit Hours: 3**
- GEP **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

- ARH 2051 - History of Western Art II **Credit Hours: 3**
- ART 2823 - Art as Interface **Credit Hours: 3**
- ART 2301C - Drawing Fundamentals II **Credit Hours: 3**
- ART 2203C - Design Fundamentals-Three Dimensional **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- GRA 2101C - Introduction to Computer Art **Credit Hours: 3**
- Minor/Area of Concentration course **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Any 2000-4000 Level Studio Art Elective* **Credit Hours: 3**

*Recommend taking 3XXX or 4XXX to satisfy this requirement.

Sophomore Year - Spring (15 Credit Hours)

- ARH 2500 - History of Non-Western Art **Credit Hours: 3**
- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3**
- Any 3XXX-4XXX Upper Level Studio Art Course **Credit Hours: 3**
- Minor/Area of Concentration course **Credit Hours: 3**
- GEP **Credit Hours: 3**

Junior Year - Fall (16 Credit Hours)

- ARH 3471 - Art in the Last 25 Years **Credit Hours: 3**
- Any 3XXX-4XXX Upper Level Studio Art Course **Credit Hours: 3**
- Minor/Area of Concentration course **Credit Hours: 3**
- Foreign Language Elementary I **Credit Hours: 4**
- GEP **Credit Hours: 3**

Junior Year - Spring (16 Credit Hours)

- ARH 3820 - Visual Arts Administration Vitas **Credit Hours: 3**

- Any 3XXX-4XXX Upper Level Studio Art Course **Credit Hours: 3**
- Minor/Area of Concentration course **Credit Hours: 3**
- Foreign Language Elementary II **Credit Hours: 4**

Select One:

- ENC 3250 - Professional Writing **Credit Hours: 3**
- ENC 4312 - Theory & Practice Persuasive Writing **Credit Hours: 3**
- ENC 4416 - Writing in Digital Environments **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- ARH 4800 - Theory and Criticism of the Visual Arts **Credit Hours: 3**
- Any 3XXX-4XXX Upper Level Studio Art Course **Credit Hours: 3**
- Minor/Area of Concentration course **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Restricted Elective **Credit Hour: 3**

Senior Year - Spring (13 Credit Hours)

- ART 4859C - Visual Arts Management BA Capstone **Credit Hours: 3**
- Minor/Area of Concentration course **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Elective **Credit Hour: 1**

Asian Studies Minor

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

Program Type

Minor

Program Website

Asian Studies Minor

Program Contact Information

College of Arts and Humanities
Department of Modern Languages and Literatures
Trevor Colbourn Hall (TCH), 358A
 407-823-2472
 ModernLanguages@ucf.edu

Program Description

An interdisciplinary minor in which several UCF departments participate in order to offer students a basic and well-rounded background in the field. Courses are to be selected in consultation with a departmental advisor.

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Prerequisite Admission Courses

- None

Required Courses

- Complete the following:
 - HUM3401 - Asian Humanities (3)

Restricted Electives

- Complete all of the following
 - Since the total number of hours taken to complete the foreign language proficiency requirement will vary, the total number of elective hours required will vary as well. Please see the Program Director to review your specific circumstances.
 - No more than two courses (six hours) can be taken under the same prefix.
 - A list of approved restricted elective courses is found in the myKnight audit
 - Complete at least 5 of the following:
 - ANT3362 - Peoples of Southeast Asia (3)
 - ART3824 - Japanese Manga & Anime (3)
 - ASH4304 - Women in China (3)
 - ASH4324 - History & Culture of South Asia (3)
 - ASH4383 - Imperialism & Decolonization in South Asia (3)
 - ASH4402 - History of Chinese Civilization (3)
 - ASH4404 - Modern China (3)
 - ASH4442 - Modern Japan (3)
 - CPO4514 - Politics of East Asia (3)
 - CPO4541 - Chinese Politics (3)
 - CPO4553 - Politics of Japan (3)
 - INR4224 - Contemporary International Politics of Asia (3)
 - INR4225 - The Vietnam War (3)
 - REL3340 - Buddhism (3)
 - REL3333 - Hinduism (3)
 - REL3123 - Asian Religions in America (3)
 - LIT3833 - Modern Asian Literature (3)
 - LIT3835 - Translated Modern Chinese Novels (3)

Foreign Language Requirements

- One year or the equivalent proficiency examination (0 - 8 hrs) in Chinese, Japanese or Korean language. A maximum of 8 hours of language credits can be used to fulfill this requirement and towards the minor.

Other Requirements

- Complete all of the following
 - Students must earn at least a "C" (2.0) in each course used to satisfy the minor.
 - At least 12 hours must be earned in upper level credits.
 - At least 12 hours used in the minor must be earned at UCF.
 - No credit by exam (TSD, Military credit) may be used.
 - Internship, Co-op, or Independent Study credit cannot be used in the minor without prior approval by the director.
 - Requirement for the minor is 18-20 credits.

Program Details

Brazilian Studies Certificate

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

Program Type

Certificate

Program Contact Information

**College of Arts and Humanities
Department of Modern Languages and Literatures
Trevor Colbourn Hall, 358A**

407-823-2472

Assistant Professor: Sandra Sousa

sandra.sousa@ucf.edu

Program Description

The Brazilian Studies certificate enables students to create a plan of study focusing on strategic, current Brazilian sociocultural factors and developments that will equip students to compete more successfully in the global job market.

Admission Requirements

- Students must complete elementary-level Portuguese series, or equivalent, in order to be admitted to the certificate. Native and heritage speakers will substitute two 3000-level Portuguese courses for POR 2200 and POR 2201.

Certificate Requirements

- For degree-seeking students, certificates will be awarded only at time of degree completion.
- No more than six (6) credit hours of overlap between the certificate and the LAS major or minor.

Prerequisite Courses

- None

Degree Requirements

Required Courses

6 Total Credits

- Complete the following:
 - POR2200 - Intermediate Portuguese I (3)
 - POR2201 - Intermediate Portuguese II (3)

Restricted Electives

9 Total Credits

- Complete all of the following
 - Complete at least 3 of the following:
 - GEA3455 - Geography of Brazil (3)
 - LAS3320 - Brazilian Culture (3)
 - MUL2721 - Survey of Latin American Music (3)
 - POR3440 - Business Portuguese (3)
 - POR3450 - Luso-Afro-Brazilian Triangle (3)
 - LAS3002 - Topics in Latin American Studies (3)
 - LAS4910 - LAS Capstone (3)
 - Additional courses may be approved by the program director. Students need approval prior to completing courses not listed here

Grand Total Credits: **15**

Program Details

Foreign Language Requirements

- None

Other Requirements

- A grade of "C" (2.0) or better is required in all courses used to satisfy the certificate.
- At least 12 hours used in the certificate must be earned at UCF within the department.
- Internships, Co-op, and Independent study may be used toward the certificate with departmental permission.
- No credit by exam (TSD, military credit) may be used.

Cognitive Sciences Minor

College

College of Arts and Humanities

Department

Department of Philosophy

Program Type

Minor

Program Website

Cognitive Sciences Minor

Program Contact Information

College of Arts and Humanities
Philosophy Department
Psychology Building (PSY), 220
407-823-2273
philosophy@ucf.edu

Program Director, Cognitive Sciences Minor: Dr. Jennifer Mundale
407-823-2273
Jennifer.Mundale@ucf.edu

Program Description

The cognitive sciences minor provides an interdisciplinary approach to the study of mind, brain, and cognition, broadly construed. It complements the background of students intending to pursue graduate degrees in cognitive sciences, computer science, philosophy, psychology, biology, neuroscience, and medicine, as well as students with more immediate career goals in fields such as neural network modeling, neuroimaging, information technology, clinical or counseling psychology, biotechnology, and others.

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Admission Courses

- Note: It is the student's responsibility to complete satisfactorily all prerequisite courses prior to registering for each course. Students must check the most current catalog before registering, and abide by the prerequisites in effect at that time.

Required Courses

- Complete all of the following
 - Foundation Courses
 - Select from at least 4 subject areas.
 - Neuroscience
 - Complete at least 1 of the following:
 - PSB3002 - Physiological Psychology (3)
 - PSB4240 - Neuropsychology (3)
 - ZOO3744 - Neurobiology (3)
 - Philosophy
 - Complete at least 1 of the following:
 - PHI3320 - Philosophy of Mind (3)
 - PHI3323 - Minds and Machines: Philosophy of Cognitive Science (3)
 - PHI3451 - Philosophy of Psychology (3)
 - PHI4341 - Ways of Knowing (3)
 - PHI4400 - Philosophy of Science (3)
 - PHI4935 - Topics in Philosophy of Mind (3)
 - PHP4782 - Phenomenology (3)
 - Psychology
 - Complete at least 1 of the following:
 - EXP3204 - Sensation and Perception (3)
 - EXP3604 - Cognitive Psychology (3)
 - EXP4507 - Advanced Human Memory and Cognition (3)
 - Computer Science and Information Technology
 - Complete at least 1 of the following:
 - CAP4453 - Robot Vision (3)
 - EEL3552C - Signal Analysis and Analog Communication (4)
 - CAP4630 - Artificial Intelligence (3)
 - Language and Linguistics
 - Complete at least 1 of the following:
 - ANT3610 - Language and Culture (3)
 - LIN3010 - Principles of Linguistics (3)
 - LIN3716 - Language Development (3)
 - PHI4221 - Philosophy of Language (3)
 - EXP3640 - Psychology of Language (3)

Restricted Electives

- Complete all of the following
 - Select two additional courses from either the above Foundation Courses or from the following list.
 - A list of approved restricted elective courses is found in the myKnight audit.
 - Complete at least 2 of the following:
 - ANT3541 - Biobehavioral Anthropology (3)
 - ANT3550C - Primatology (3)
 - ANT3610 - Language and Culture (3)
 - ANT4586C - Human Origins (3)
 - CAP4630 - Artificial Intelligence (3)
 - CCJ5015 - The Nature of Crime (3)
 - CAP5415 - Computer Vision (3)
 - CAP5512 - Evolutionary Computation (3)
 - COP4520 - Concepts of Parallel and Distributed Processing (3)
 - EXP3204 - Sensation and Perception (3)
 - MAP4103 - Mathematical Modeling I (3)
 - PHI2101 - Formal Logic I (3)
 - PHI2108 - Critical Thinking (3)
 - PHI3626 - Advanced Ethics in Science and Technology (3)
 - PHI4321 - Philosophies of Embodiment: Mind/Body/Self (3)
 - PHI4500 - Metaphysics (3)
 - PSY4025 - The Psychology of Art (3)
 - PSY3213C - Research Methods in Psychology (4)

Other Requirements

- Complete all of the following
 - A minimum grade of "C" (2.0) is required in all courses used to satisfy the minor.
 - 15 hours must be taken at the upper division.
 - No more than 3 courses may be used both toward credit for a major and the cognitive sciences minor.
 - At least 12 hours used in the minor must be earned at UCF.
 - No credit by exam (TSD, Military credit) may be used.
 - Internship, Co-op, or Independent Study requires prior approval from the advisors to be used toward the minor.

Program Details

Community Arts - PAVE Minor

College

College of Arts and Humanities

Department

School of Visual Arts and Design

Program Type

Minor

Program Website

Community Arts Minor

Program Contact Information

**College of Arts and Humanities
School of Visual Arts and Design
Visual Arts Building (VAB), 117
407-823-2676
SVAD@ucf.edu**

Program Description

Partners in Art in Visual Education (PAVE)

- A minor in Community Arts-PAVE is offered for the student who is majoring in Art, Music, Theatre, or English (with a Creative Writing focus). Students interested in the minor should contact the School director.

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Prerequisite Admission Courses

Other Requirements

- Complete all of the following
 - A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
 - Grades below "C" (2.0) in lower level courses are not accepted.
 - At least 15 hours used in the minor must be earned at UCF within the School of Visual Arts and Design.
 - No credit by exam (TSD, Military credit) may be used toward the minor.

Program Details

Dance Minor

College

College of Arts and Humanities

Department

School of Performing Arts

Program Type

Minor

Program Website

Dance Minor

Program Contact Information

College of Arts and Humanities

Department of Theatre

Performing Arts Center (PAC) T210A

407-823-2862

theatre@ucf.edu

Dance Coordinator: Judi Siegfried

dance@ucf.edu

Program Description

Minor Admission Requirements

- A successful audition - contact dance coordinator for audition dates.

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Required Courses

15 Total Credits

- Complete all of the following
 - Complete the following:
 - DAN3134 - Dance History I (3)
 - DAA3612 - Dance Improvisation/Composition I (3)
 - DAA2100C - Modern Dance I (2)
 - DAA3684 - Dance Performance (1)
 - DAA2200C - Ballet I (2)
 - Complete at least 1 of the following:
 - DAA2520C - Tap Dance I (2)
 - DAA2521C - Tap Dance II (2)
 - DAA2570C - Jazz Dance I (2)
 - DAA2571C - Jazz Dance II (2)
 - Complete at least 1 of the following:
 - DAA3208C - Ballet III (2)
 - DAA3508C - Jazz Dance III (2)
 - DAA3524C - Tap Dance III (2)

Restricted Electives

3 Total Credits

- Complete all of the following
 - Earn at least 3 credits from the following:
 - DAA2570C - Jazz Dance I (2)
 - DAA2571C - Jazz Dance II (2)
 - DAA2520C - Tap Dance I (2)
 - DAA2521C - Tap Dance II (2)
 - DAA3524C - Tap Dance III (2)
 - DAA2201C - Ballet II (2)
 - DAA3208C - Ballet III (2)
 - DAA2393C - World Dance (2)
 - DAA3645 - Choreography Practicum (2)
 - DAA3684 - Dance Performance (1)
 - TPA2290L - Theatre Participation-Production I (1 - 99)
 - TPP2190L - Theatre Participation-Performance I (1 - 99)
 - THE2090L - Theatre Participation (1 - 99)
 - DAA3004L - Dance Studio (1)
 - DAA3508C - Jazz Dance III (2)
 - DAA 3905 - Directed Study Credit Hours: 1
 - DAA 4912 - Directed Independent Research Credit Hours: 1

Foreign Language Requirements

0 Total Credits

- None

Grand Total Credits: **18**

Program Details

Other Requirements

- Earn a grade of "C" (2.0) or better in all courses used to satisfy the minor.
- Student must consult dance advisor every semester. Students who do not consult with their dance advisor will be placed on departmental probation for one semester which causes him/her to be ineligible for casting or other production positions. Repeated failure to consult with a department advisor will lead to release from the program.
- At least 14 hours used in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.

Digital Humanities Minor

College

College of Arts and Humanities

Department

Department of English

Program Type

Minor

Program Contact Information

College of Arts and Humanities
English Department
Trevor Colbourn Hall (TCH) 250A
407-823-5596
english@ucf.edu

Department Chair: James Campbell
407-823-5596

Program Description

Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Required Courses

6 Total Credits

- Complete the following:
 - HUM3830 - Introduction to Digital Humanities (3)
 - DIG3171 - Tools for Digital Humanities (3)

Restricted Electives

12 Total Credits

- Complete all of the following
 - Select a total of twelve (12) hours. Additional courses not listed below may be substitute with prior approval from the Program Director.
 - A list of approved restricted elective courses is found in the myKnight audit.
 - Technology and Applied Skills
 - Complete at least 2 of the following:
 - CRW3713 - Writing for Video Games (3)
 - ENC4416 - Writing in Digital Environments (3)
 - ENG3817 - Digital Archives (3)
 - ENC4414 - Writing and Hypertext (3)
 - ENC4290 - Usability Testing for Technical Communication (3)
 - DIG3043 - Evolution of Video Games (3)
 - FIL4040 - Animation Film History for Non-Film Majors (3)
 - Theory and Critique
 - Complete at least 2 of the following:
 - AMH4644 - Viewing American History in the Twentieth Century (3)
 - DIG3024 - Digital Cultures & Narrative (3)
 - ENC3417 - Literacy and Technology (3)
 - HIS4150 - History and Historians (3)
 - PHI3323 - Minds and Machines: Philosophy of Cognitive Science (3)
 - PHI3625 - Virtual Ethics (3)
 - PHI3626 - Advanced Ethics in Science and Technology (3)

Foreign Language Requirements

0 Total Credits

- None

Grand Total Credits: **18**

Program Details

Other Requirements

- A grade of "C" (2.0) or better is required in each course used to satisfy the minor
- At least 12 hours used in the minor must be earned at UCF within the College of Arts and Humanities.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor.

Editing and Publishing Certificate

College

College of Arts and Humanities

Department

Department of English

Program Type

Certificate

Program Contact Information

**College of Arts and Humanities
English Department
Trevor Colbourn Hall (TCH) 250A**

Department Chair: James Campbell
407-823-5596
english@ucf.edu

Program Description

Admission Requirements

- None

Certificate Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Required Courses

12 Total Credits

- Complete all of the following
 - Complete the following:
 - LIN4680 - Modern English Grammar (3)
 - Complete at least 1 of the following:
 - CRW4722 - Editing for Creative Writers (3)
 - ENC4293 - Documentation and Project Management (3)
 - ENG4832 - Scholarly Editing & Publishing (3)
 - Complete at least 1 of the following:
 - ENC4218 - Visual Technical Communication (3)
 - GRA2101C - Introduction to Computer Art (3)
 - Complete all of the following
 - Complete at least 1 of the following:
 - CRW3950 - Cypress Dome Editorship (3)
 - CRW4724 - The Florida Review (3)
 - ENC4294 - Client-Based Project Management (3)
 - Any other approved Internship Credit Hours: 3

Restricted Electives

3 Total Credits

- Complete all of the following
 - A list of approved restricted elective courses is found in the myKnight audit.
 - Complete at least 1 of the following:
 - ENC4215 - Document Design and Publication (3)
 - ENC4280 - Technical Writing Style (3)
 - ENG3817 - Digital Archives (3)
 - LIN4105 - History of the English Language (3)
 - LIN4801 - Language and Meaning (3)
 - A second semester of approved Internship (especially CRW 3950 or CRW 4724) Credit Hours: 3
 - Allowable substitutions for the Restricted Elective for Dept of Writing & Rhetoric students include LIN 3673, ENC 4212, or ENC 4353.

Grand Total Credits: **15**

Program Details

Foreign Language Requirements

- None

Total Semester Hours Required: 15

Other Requirements

- Earn a grade of "C" (2.0) or better in all courses used to satisfy the certificate.
- At least 12 hours used in the certificate must be earned at UCF within the College of Arts and Humanities.
- No more than 6 hours can overlap with courses used to satisfy the English major.
- Course substitutions may be accepted upon approval of the advisor.

Emerging Media, Character Animation Track (B.F.A.)**College**

College of Arts and Humanities

Department

School of Visual Arts and Design

Program Type

Major

Program Contact Information

College of Arts and Humanities

School of Visual Arts and Design

Visual Arts Building (VAB) 117

407-823-2676

svadadvising@ucf.edu

Program Description

The Emerging Media BFA allows students to integrate the multiple domains of art, design, storytelling, and technology in one of the three portfolio required tracks, Character Animation, Experimental Animation or Graphic Design. The program is designed to provide: a solid foundation in techniques and theory in one of the listed tracks; a broad understanding of related disciplines including arts, humanities, and technology; an extended experience in working in multidisciplinary teams on realistic problems. The program is administered through the School of Visual Arts and Design.

The Character Animation track is a two-year, full-time prescribed series of courses designed to prepare a cohort of students for careers such as animators, story artists, visual development artists, lighting artists, technical artists, effects artists, modelers, riggers, or texture artists in the animation industry by emulating the professional production studio. Students learn all aspects of the production process, from story creation to film completion while working as part of a team. Students learn the tools and industry practices for computer generated animated filmmaking as well as the ins and outs of teamwork with opportunities for leadership amongst their peers and mentorship from the faculty.

As part of the program, some courses study the form and proportion of the human figure. Nude models are used as reference.

Admission Requirements

- Admission into the Character Animation track requires successful completion of the Character Animation Portfolio review. The Character Animation portfolio review process is held in the Spring. Portfolio information can be found at: <https://svad.cah.ucf.edu/character-animation-portfolio/>
- Students who do not pass the Character Animation Portfolio review should contact SVAD advising (svadadvising@ucf.edu) to discuss options.
- Note: One-on-one portfolio reviews are not possible due to the large number of received portfolios.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog by filing a catalog year change with their degree change form.
- Departmental Residency Requirement consists of at least 36 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF School of Visual Arts and Design.
- Students must earn at least a "C" (2.0) in each required course except DIG 2000, which requires a "B" (3.0) or better.
- BFA students must achieve a 3.0 GPA in all major requirements.
- Co-op credit cannot be used in this major.
- Students should consult with their SVAD advisor each semester.
- Note: Emerging Media majors must have continual access to a computer. Contact the UCF Technology Product Center or see the website (<http://tpc.ucf.edu>) for the minimum hardware and software specifications.
- No more than 6 hours of overlap allowed between courses used in the Emerging Media BFA and any minor. Please see SVAD advising for permission to complete more than one major in SVAD. Certain restrictions apply and plan of study must be pre-approved.

General Education (GEP)

Communication Foundations

9 Total Credits

- Earn at least 9 credits from the following course sets:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

Cultural and Historical Foundations

9 Total Credits

- Complete all of the following
 - Preferred:

- Complete the following:
 - HUM2020 - Encountering the Humanities (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)

Mathematical Foundations
3 Total Credits

- Complete all of the following
 - Required:
 - Complete at least 1 of the following:
 - MAC1105C - College Algebra (3)
 - CGS2100C - Computer Fundamentals for Business (3)

Social Foundations
6 Total Credits

- Complete all of the following
 - Preferred:
 - Complete the following:
 - AMH2020 - U.S. History: 1877-Present (3)
 - Earn at least 3 credits from the following course sets:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundations
6 Total Credits

- Earn at least 6 credits from the following course sets:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **33**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - Complete the following:
 - ARH2050 - History of Western Art I (3)
 - MAC1105C - College Algebra (3)
 - DIG2000 - Introduction to Digital Media (3)
 - DIG2030 - Digital Video Fundamentals (3)
 - DIG2109 - Digital Imaging Fundamentals (3)
 - DIG2500 - Fundamentals of Interactive Design (3)
 - CGS2100C - Computer Fundamentals for Business (3)
 - GEP Courses: ARH 2050, MAC 1105C and CGS 2100C

Grand Total Credits: **21**

Degree Requirements

Core Requirements: Basic Level

15 Total Credits

- Complete all of the following
 - Earn at least 15 credits from the following:
 - ARH2051 - History of Western Art II (3)
 - ART2201C - Design Fundamentals-Two Dimensional (3)
 - ART2203C - Design Fundamentals-Three Dimensional (3)
 - ART2300C - Drawing Fundamentals I (3)
 - ART2301C - Drawing Fundamentals II (3)
 - GRA2101C - Introduction to Computer Art (3)
 - GEP Course: ARH 2051

Core Requirements: Advanced Level

42 Total Credits

- Complete the following:
 - ART3643C - Digital Effects & Compositing (3)
 - DIG3355C - Artificial Environments and Effects (3)
 - DIG3433C - Visual Storytelling and Visual Development (3)
 - DIG3951 - Character Animation Portfolio Review
 - DIG4206C - New Imagery in Motion Workshop (3)
 - DIG4323C - Modeling for Visual Language (3)
 - DIG4325C - Look Modeling Workshop (3)
 - DIG4326C - Geometrical Modeling Workshop (3)
 - DIG4354C - Advanced 3D Animation (3)
 - DIG4373C - 3D Textures (3)
 - DIG4394C - Motion Graphics: Advanced Compositing (3)
 - DIG4451C - Visual Storytelling and Visual Development Workshop (3)
 - DIG4624C - Digital Production in Artificial Environments (3)
 - FIL3720C - Introduction to Animation (3)
 - FIL3734C - Intermediate Animation (3)

Capstone Requirements

6 Total Credits

- Complete the following:
 - DIG4434C - Narrative Techniques in the Moving Image (3)
 - DIG4486C - Visual Language of Moving Image II (3)

Grand Total Credits: **63**

Program Details

Restricted Electives

- None

Electives

- None

Foreign Language Requirements

Admissions

- Met by graduation requirement

Graduation

- Proficiency equivalent to one year of college instruction in a single foreign language taught by the Department of Modern Languages and Literatures or the Department of History (Hebrew). Standardized examinations for foreign languages may be used to meet the requirement.

Additional Requirements

- Signature Experience requirement is met by successful completion of the following course(s):
- DIG 4434C - Narrative Techniques in the Moving Image **Credit Hours: 3**
- DIG 4486C - Visual Language of Moving Image II **Credit Hours: 3**

Required Minors

- None

Departmental Exit Requirements

- Maintain at least a 3.0 GPA in all courses used to satisfy major requirements.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- Students interested in completing Honors in the Major should contact their program advisor. More information about Honors in the Major can be found at <http://research.honors.ucf.edu/honors-in-the->

major. Up to 6 hours can be used towards SVAD restricted electives and must be completed through SVAD.

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- <http://svad.cah.ucf.edu/advising>
- svadadvising@ucf.edu

Transfer Notes

- Grades less than a "C" (2.0) are not accepted.
- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$31.50 per term
- Full-Time Student: \$63 per term

Character Animation

Freshman Year - Fall (15 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- ARH 2050 - History of Western Art I **Credit Hours: 3**
- MAC 1105C - College Algebra **Credit Hours: 3**
- ART 2201C - Design Fundamentals-Two Dimensional **Credit Hours: 3**
- ART 2300C - Drawing Fundamentals I **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- ARH 2051 - History of Western Art II **Credit Hours: 3**
- DIG 2000 - Introduction to Digital Media **Credit Hours: 3**
- ART 2203C - Design Fundamentals-Three Dimensional **Credit Hours: 3**
- ART 2301C - Drawing Fundamentals II **Credit Hours: 3**

Sophomore Year - Fall (16 Credit Hours)

- GRA 2101C - Introduction to Computer Art **Credit Hours: 3**
- DIG 2030 - Digital Video Fundamentals **Credit Hours: 3**

- DIG 2109 - Digital Imaging Fundamentals **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Foreign Language Elementary I **Credit Hours: 4**

Sophomore Year - Spring (16 Credit Hours)

- DIG 2500 - Fundamentals of Interactive Design **Credit Hours: 3**
- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Foreign Language Elementary II **Credit Hours: 4**

Junior Year - Fall (15 Credit Hours)

- DIG 3951 - Character Animation Portfolio Review **Credit Hours: 0**
- DIG 3355C - Artificial Environments and Effects **Credit Hours: 3**
- DIG 3433C - Visual Storytelling and Visual Development **Credit Hours: 3**
- DIG 4323C - Modeling for Visual Language **Credit Hours: 3**
- FIL 3720C - Introduction to Animation **Credit Hours: 3**
- GEP **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- DIG 4325C - Look Modeling Workshop **Credit Hours: 3**
- DIG 4326C - Geometrical Modeling Workshop **Credit Hours: 3**
- DIG 4451C - Visual Storytelling and Visual Development Workshop **Credit Hours: 3**
- FIL 3734C - Intermediate Animation **Credit Hours: 3**
- GEP **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- ART 3643C - Digital Effects & Compositing **Credit Hours: 3**
- DIG 4206C - New Imagery in Motion Workshop **Credit Hours: 3**
- DIG 4486C - Visual Language of Moving Image II **Credit Hours: 3**
- DIG 4624C - Digital Production in Artificial Environments **Credit Hours: 3**
- GEP **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- DIG 4354C - Advanced 3D Animation **Credit Hours: 3**
- DIG 4373C - 3D Textures **Credit Hours: 3**
- DIG 4394C - Motion Graphics: Advanced Compositing **Credit Hours: 3**
- DIG 4434C - Narrative Techniques in the Moving Image **Credit Hours: 3**
- Elective **Credit Hours: 1**

Emerging Media, Experimental Animation Track (B.F.A.)

College

College of Arts and Humanities

Department

School of Visual Arts and Design

Program Type

Major

Program Contact Information

College of Arts and Humanities

School of Visual Arts and Design

Visual Arts Building (VAB) 117

407-823-2676

svadadvising@ucf.edu

Program Description

The Emerging Media BFA allows students to integrate multiple domains of art, design, storytelling, and technology in one of the three portfolio required tracks, Character Animation, Experimental Animation or Graphic Design. The program is designed to provide: a solid foundation in techniques and theory in one of the listed tracks; a broad understanding of related disciplines including arts, humanities, and technology; and, an extended experience in working in multidisciplinary teams on realistic problems. The program is administered through the School of Visual Arts and Design.

The Experimental Animation track encourages students to explore expression through innovative and often hybrid, analog and digital practice(s). The track approaches animation from an artistic, individualized point of view. In the track, students engage in classic, current, and widely varied techniques and mediums making moving images, which may be narrative or non-narrative creative works. By graduation, each student has developed a unique creative vision which culminates in the completion of a B.F.A. capstone.

As part of the program, some courses study the form and proportion of the human figure. Nude models are used as reference.

Admission Requirements

- Admission into the Experimental Animation track requires successful completion of the Experimental Animation Portfolio review. The Experimental Animation review process is held in the Spring semester. Portfolio information can be found at: <https://svad.cah.ucf.edu/experimental-animation-portfolio/>
- Students who do not pass the Experimental Animation Portfolio review should contact SVAD Advising (svadadvising@ucf.edu) to discuss options.
- Note: One-on-one portfolio reviews are not possible due to the large number of received portfolios.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog by filing a catalog year change with their degree change form.
- Departmental Residency Requirement consists of at least 36 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF School of Visual Arts and Design.
- Students must earn at least a "C" (2.0) in each required course except DIG 2000, which requires a "B" (3.0) or better.
- BFA students must achieve a 3.0 GPA in all major requirements.
- Co-op credit cannot be used in this major.
- Students should consult with their SVAD advisor each semester.
- Note: Emerging Media majors must have continual access to a computer. Contact the UCF Technology Product Center or see the website (<http://tpc.ucf.edu>) for the minimum hardware and software specifications.
- No more than 6 hours of overlap allowed between courses used in the Emerging Media BFA and any minor. Please see SVAD advising for permission to complete more than one major in SVAD. Certain restrictions apply and a plan of study must be approved.

General Education (GEP)

Communication Foundations

9 Total Credits

- Earn at least 9 credits from the following course sets:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)

GEP 3- Communication Foundation

- COM1000 - Introduction to Communication (3)
- SPC1603C - Fundamentals of Technical Presentations (3)
- SPC1608 - Fundamentals of Oral Communication (3)

Cultural and Historical Foundations

9 Total Credits

- Complete all of the following
 - Preferred:
 - Complete the following:
 - HUM2020 - Encountering the Humanities (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)

Mathematical Foundations

6 Total Credits

- Complete all of the following
 - Required:
 - Complete the following:
 - MAC1105C - College Algebra (3)
 - CGS2100C - Computer Fundamentals for Business (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Preferred:
 - Complete the following:
 - AMH2020 - U.S. History: 1877-Present (3)
 - Earn at least 3 credits from the following course sets:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)

- GEO2370 - Resources Geography (3)
- GLY1030 - Geology and its Applications (3)
- GLY2038 - Environmental Geoscience (3)
- MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
- MET2104 - The Earth's Climate (3)

Grand Total Credits: **36**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information
 - Complete the following:
 - ARH2050 - History of Western Art I (3)
 - MAC1105C - College Algebra (3)
 - DIG2000 - Introduction to Digital Media (3)
 - DIG2030 - Digital Video Fundamentals (3)
 - DIG2109 - Digital Imaging Fundamentals (3)
 - DIG2500 - Fundamentals of Interactive Design (3)
 - GEP Courses: ARH 2050, MAC 1105C and CGS 2100C

Grand Total Credits: **18**

Degree Requirements

Core Requirements: Basic Level
15 Total Credits

- Complete all of the following
 - Earn at least 15 credits from the following:
 - ART2201C - Design Fundamentals-Two Dimensional (3)
 - ART2203C - Design Fundamentals-Three Dimensional (3)
 - ART2300C - Drawing Fundamentals I (3)
 - ART2301C - Drawing Fundamentals II (3)
 - GRA2101C - Introduction to Computer Art (3)
 - ARH2051 - History of Western Art II (3)
 - GEP Course: ARH 2051

Core Requirements: Advanced Level
33 Total Credits

- Complete the following:
 - ART3026C - Procedural Animation (3)
 - ART3628 - Experimental Animation Professional Practice (3)
 - ART3643C - Digital Effects & Compositing (3)
 - ART3737C - Narrative Sculpture (3)
 - ART3952 - Experimental Animation Portfolio
 - ART4027C - Stop Motion Animation (3)
 - DIG4323C - Modeling for Visual Language (3)
 - FIL3720C - Introduction to Animation (3)
 - FIL3734C - Intermediate Animation (3)
 - FIL4735C - Advanced Experimental Animation (3)
 - FIL4750C - Experimental Animation Workshop (3)
 - GRA4802C - Advanced Computer Graphic Design (3)

Restricted Electives
12 Total Credits

- Complete all of the following
 - Earn at least 12 credits from the following types of courses:
upper level courses from the following areas and the associated prefixes: Art History (ARH), Studio Art (ART), Digital Media (DIG), Film (FIL), Illustration (GRA*), and/or Photography (PGY).
 - *GRA courses does not include Graphic Design major restricted courses.

Capstone Requirements
3 Total Credits

- Complete the following:
 - ART4971 - Experimental Animation Thesis (3)

Grand Total Credits: **63**

Program Details

Foreign Language Requirements

Admissions

- Met by graduation requirement

Graduation

- Proficiency equivalent to one year of college instruction in a single foreign language taught by the Department of Modern Languages and Literatures or the Department of History (Hebrew). Standardized examinations for foreign languages may be used to meet the requirement.

Electives

- Unrestricted electives - credit hours vary by track. A maximum of six hours of independent study, directed research, or internship permitted with prior approval. See SVAD advising for relevant deadlines.

Additional Requirements

Signature Experience requirement is met by successful completion of the following course(s):

- ART 4971 - Experimental Animation Thesis **Credit Hours: 3**
Offered in spring term

Required Minors

- None

Departmental Exit Requirements

- Maintain at least a 3.0 GPA in all courses used to satisfy major requirements.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- Students interested in completing Honors in the Major should contact their program advisor. More information about Honors in the Major can be found at <http://research.honors.ucf.edu/honors-in-the-major>. Up to 6 hours can be used towards SVAD restricted electives and must be completed through SVAD.

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- <http://svad.cah.ucf.edu/advising>
- svadadvising@ucf.edu

Transfer Notes

- Grades less than a "C" (2.0) are not accepted.
- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$31.50 per term
- Full-Time Student: \$63 per term

Plan of Study

Freshman Year - Fall (15 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- ARH 2050 - History of Western Art I **Credit Hours: 3**
- ART 2201C - Design Fundamentals-Two Dimensional **Credit Hours: 3**
- MAC 1105C - College Algebra **Credit Hours: 3**
- ART 2300C - Drawing Fundamentals I **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- ARH 2051 - History of Western Art II **Credit Hours: 3**
- ART 2203C - Design Fundamentals-Three Dimensional **Credit Hours: 3**
- ART 2301C - Drawing Fundamentals II **Credit Hours: 3**
- DIG 2000 - Introduction to Digital Media **Credit Hours: 3**

Sophomore Year - Fall (16 Credit Hours)

- GRA 2101C - Introduction to Computer Art **Credit Hours: 3**
- DIG 2030 - Digital Video Fundamentals **Credit Hours: 3**
- DIG 2109 - Digital Imaging Fundamentals **Credit Hours: 3**
- Foreign Language Elementary I **Credit Hours: 4**
- GEP **Credit Hours: 3**

Sophomore Year - Spring (16 Credit Hours)

- DIG 2500 - Fundamentals of Interactive Design **Credit Hours: 3**
- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Foreign Language Elementary II **Credit Hours: 4**

Junior Year - Fall (15 Credit Hours)

- ART 3952 - Experimental Animation Portfolio **Credit Hours: 0**
- ART 3628 - Experimental Animation Professional Practice **Credit Hours: 3**
- FIL 3720C - Introduction to Animation **Credit Hours: 3**
- DIG 4323C - Modeling for Visual Language **Credit Hours: 3**
- SVAD Restricted Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- ART 3026C - Procedural Animation **Credit Hours: 3**
- ART 3737C - Narrative Sculpture **Credit Hours: 3**
- FIL 3734C - Intermediate Animation **Credit Hours: 3**
- SVAD Restricted Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

Senior Year - Fall (13 Credit Hours)

- ART 3643C - Digital Effects & Compositing **Credit Hours: 3**
- ART 4027C - Stop Motion Animation **Credit Hours: 3**
- FIL 4735C - Advanced Experimental Animation **Credit Hours: 3**
- GRA 4802C - Advanced Computer Graphic Design **Credit Hours: 3**
- Elective **Credit Hours: 1**

Senior Year - Spring (15 Credit Hours)

- FIL 4750C - Experimental Animation Workshop **Credit Hours: 3**
- ART 4971 - Experimental Animation Thesis **Credit Hours: 3**
- SVAD Restricted Elective **Credit Hours: 3**
- SVAD Restricted Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

Emerging Media, Graphic Design Track (B.F.A.)

College

College of Arts and Humanities

Department

School of Visual Arts and Design

Program Type

Major

Program Contact Information

College of Arts and Humanities

School of Visual Arts and Design

Visual Arts Building (VAB) 117

407-823-2676

svadadvising@ucf.edu

Program Description

The Emerging Media BFA allows students to integrate multiple domains of art, design, storytelling, and technology in one of the three portfolio reviewed tracks, Character Animation, Experimental Animation or Graphic Design. The program is designed to provide: a solid foundation in techniques and theory in one of the listed tracks; a broad understanding of related disciplines including arts, humanities, and technology; an extended experience in working in multidisciplinary teams on realistic problems. The program is administered through the School of Visual Arts and Design.

The Graphic Design track educates students in the art and science of visual communication, stressing the professional aspects of design. Students combine technology with aesthetics in the production of typographic and publication design, branding and identity systems, packaging, film and broadcast graphics, posters, interactive and UI/UX design.

As part of the program, some courses study the form and proportion of the human figure. Nude models are used as reference.

Admission Requirements

- Admission into the Graphic Design track requires successful completion of the Graphic Design Portfolio review. The Graphic Design portfolio review process is held in the Spring semester. Graphic Design portfolio information can be found at: <https://svad.cah.ucf.edu/graphic-design-portfolio/>.
- Students who do not pass the Graphic Design Portfolio review should contact SVAD Advising (svadadvising@ucf.edu) to discuss options.
- Note: One-on-one portfolio reviews are not possible due to the large number of received portfolios.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog by filing a catalog year change with their degree change form.
- Departmental Residency Requirement consists of at least 36 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF School of Visual Arts and Design.
- Students must earn at least a "C" (2.0) in each required course except DIG 2000, which requires a "B" (3.0) or better.
- BFA students must achieve a 3.0 GPA in all major requirements.
- Co-op credit cannot be used in this major.
- Students should consult with their SVAD advisor each semester.
- Note: Emerging Media majors must have continual access to a computer. Contact the UCF Technology Product Center or see the website (<http://tpc.ucf.edu>) for the minimum hardware and software specifications.
- No more than 6 hours of overlap allowed between courses used in the Emerging Media BFA and any minor. Please see SVAD advising for permission to complete more than one major in SVAD. Certain restrictions apply and plan of study must be pre-approved.

General Education (GEP)

Communication Foundations

9 Total Credits

- Earn at least 9 credits from the following course sets:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

Cultural & Historical Foundations

9 Total Credits

- Complete all of the following
 - Preferred:
 - Complete the following:
 - HUM2020 - Encountering the Humanities (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)

Mathematical Foundations

6 Total Credits

- Complete all of the following
 - Required:
 - Complete the following:
 - MAC1105C - College Algebra (3)
 - CGS2100C - Computer Fundamentals for Business (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Preferred:
 - Complete the following:
 - AMH2020 - U.S. History: 1877-Present (3)
 - Earn at least 3 credits from the following course sets:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)

- PHY2048 - General Physics Using Calculus I (3)
- PHY2053 - College Physics I (3)
- PSC1121 - Physical Science (3)

GEP 12- Science Foundation

- ANT2511 - The Human Species (3)
- BSC1005 - Biological Principles (3)
- BSC2010C - Biology I (4)
- EVR1001 - Introduction to Environmental Science (3)
- GEO1200 - Physical Geography (3)
- GEO2370 - Resources Geography (3)
- GLY1030 - Geology and its Applications (3)
- GLY2038 - Environmental Geoscience (3)
- MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
- MET2104 - The Earth's Climate (3)

Grand Total Credits: **36**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - Complete the following:
 - ARH2050 - History of Western Art I (3)
 - MAC1105C - College Algebra (3)
 - DIG2000 - Introduction to Digital Media (3)
 - DIG2030 - Digital Video Fundamentals (3)
 - DIG2109 - Digital Imaging Fundamentals (3)
 - DIG2500 - Fundamentals of Interactive Design (3)
 - CGS2100C - Computer Fundamentals for Business (3)
 - GEP Courses: ARH 2050, MAC 1105C and CGS 2100C

Grand Total Credits: **21**

Degree Requirements

Core Requirements: Basic Level
15 Total Credits

- Complete all of the following
 - Earn at least 15 credits from the following:
 - ARH2051 - History of Western Art II (3)
 - ART2201C - Design Fundamentals-Two Dimensional (3)
 - ART2203C - Design Fundamentals-Three Dimensional (3)
 - ART2300C - Drawing Fundamentals I (3)
 - ART2301C - Drawing Fundamentals II (3)
 - GRA2101C - Introduction to Computer Art (3)
 - GEP Course: ARH 2051

Core Requirements: Advanced Level
24 Total Credits

- Complete the following:
 - ARH3471 - Art in the Last 25 Years (3)
 - GRA3102C - Intermediate Graphic Design I (3)
 - GRA3112C - Intermediate Graphic Design II (3)
 - GRA3202C - Type & Design (3)
 - GRA3803C - Intermediate Computer Graphic Design (3)
 - GRA3950 - Graphic Design Portfolio
 - GRA4196C - Advanced Graphic Design (3)
 - GRA4209C - Type & Design II (3)
 - GRA4802C - Advanced Computer Graphic Design (3)

Restricted Electives
21 Total Credits

- Complete all of the following
 - Earn at least 9 credits from the following types of courses:
3000 or 4000 level Art History (ARH) courses.
 - Earn at least 6 credits from the following types of courses:
SVAD Studio Art (ART), Illustration (GRA), and/or Photography (PGY) courses.
 - Earn at least 6 credits from the following types of courses:
additional upper level courses outside of SVAD must be approved by the program Area Coordinator before course(s) are taken.

Capstone Requirements
3 Total Credits

- Complete the following:
 - GRA4197C - Special Problems in Graphic Design (3)

Grand Total Credits: **63**

Program Details

Foreign Language Requirements

Admissions

- Met by graduation requirement

Graduation

- Proficiency equivalent to one year of college instruction in a single foreign language taught by the Department of Modern Languages and Literatures or the Department of History (Hebrew). Standardized examinations for foreign languages may be used to meet the requirement.

Electives

- Unrestricted electives - credit hours vary by track. A maximum of six hours of independent study, directed research, or internship permitted with prior approval. See SVAD advising for relevant deadlines.

Additional Requirements

- Signature Experience requirement is met by successful completion of the following course(s):
- GRA 4197C - Special Problems in Graphic Design **Credit Hours: 3**

Required Minors

- None

Departmental Exit Requirements

- Maintain at least a 3.0 GPA in all courses used to satisfy major requirements.

University Minimum Exit Requirements

- A 2.0 UCF GPA.
- 42 semester hours of upper division credit completed.
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- Students interested in completing Honors in the Major should contact their program advisor. More information about Honors in the Major can be found at <http://research.honors.ucf.edu/honors-in-the-major>. Up to 6 hours can be used towards SVAD restricted electives, the hours must be completed through SVAD.

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- <http://svad.cah.ucf.edu/advising>

- svadadvising@ucf.edu

Transfer Notes

- Grades less than a "C" (2.0) are not accepted.
- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$31.50 per term
- Full-Time Student: \$63 per term

Plan of Study

Freshman Year - Fall (15 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- ARH 2050 - History of Western Art I **Credit Hours: 3**
- ART 2201C - Design Fundamentals-Two Dimensional **Credit Hours: 3**
- ART 2300C - Drawing Fundamentals I **Credit Hours: 3**
- MAC 1105C - College Algebra **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- ARH 2051 - History of Western Art II **Credit Hours: 3**
- ART 2203C - Design Fundamentals-Three Dimensional **Credit Hours: 3**
- ART 2301C - Drawing Fundamentals II **Credit Hours: 3**
- DIG 2000 - Introduction to Digital Media **Credit Hours: 3**

Sophomore Year - Fall (16 Credit Hours)

- GRA 2101C - Introduction to Computer Art **Credit Hours: 3**
- DIG 2030 - Digital Video Fundamentals **Credit Hours: 3**
- DIG 2109 - Digital Imaging Fundamentals **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Foreign Language Elementary I **Credit Hours: 4**

Sophomore Year - Spring (16 Credit Hours)

- DIG 2500 - Fundamentals of Interactive Design **Credit Hours: 3**
- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Foreign Language Elementary II **Credit Hours: 4**

Junior Year - Fall (15 Credit Hours)

- GRA 3950 - Graphic Design Portfolio **Credit Hours: 0**
- GRA 3102C - Intermediate Graphic Design I **Credit Hours: 3**
- GRA 3202C - Type & Design **Credit Hours: 3**
- ARH 3471 - Art in the Last 25 Years **Credit Hours: 3**
- SVAD Restricted Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- GRA 3112C - Intermediate Graphic Design II **Credit Hours: 3**
- GRA 3803C - Intermediate Computer Graphic Design **Credit Hours: 3**
- GRA 4209C - Type & Design II **Credit Hours: 3**
- SVAD Restricted Elective **Credit Hours: 3**
- ARH Upper Level Restricted Elective **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- GRA 4802C - Advanced Computer Graphic Design **Credit Hours: 3**
- GRA 4196C - Advanced Graphic Design **Credit Hours: 3**
- SVAD Restricted Elective **Credit Hours: 3**
- ARH Upper Level Restricted Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- GRA 4197C - Special Problems in Graphic Design **Credit Hours: 3**
- SVAD Restricted Elective **Credit Hours: 3**
- ARH Upper Level Restricted Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

English, Creative Writing (B.A.)

College

College of Arts and Humanities

Department

Department of English

Program Type

Major

Program Contact Information

**College of Arts and Humanities
English Department
Trevor Colbourn Hall (TCH) 250A
english@ucf.edu**

Department Chair: James Campbell
407-823-5596

Is this program available 100% online?

Yes

UCF Online

Online English – Creative Writing, BA

Program Description

English (B.A.) - Creative Writing may be completed fully online, although not all elective options or program prerequisites may be offered online. Newly admitted students choosing to complete this program exclusively via UCF online classes may enroll with a reduction in campus-based fees.

Admission Requirements

- None

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog
- Students must earn at least a "C" (2.0) in each required course
- Co-op or internship credit cannot be used in the major without prior approval from the department
- Students should consult with a departmental advisor
- Departmental Residency Requirement consists of at least 15 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF English Department
- Courses designated in General Education Program and Common Program Prerequisites are usually completed in the first 60 hours

General Education (GEP)

Communication Foundations

9 Total Credits

- Complete all of the following
 - Required:
 - Complete the following:
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Preferred:
 - Complete the following:
 - SPC1608 - Fundamentals of Oral Communication (3)

Cultural and Historical Foundations

9 Total Credits

- Complete all of the following
 - Preferred:
 - Complete the following:
 - HUM2020 - Encountering the Humanities (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)

Mathematical Foundations

6 Total Credits

No Rules

Math:

3 Total Credits

- Complete 1 of the following
 - Suggested:
 - Complete at least 1 of the following:
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - Or you may substitute a higher level math with appropriate scores on the Math Placement Exam

Statistics - Computers:

3 Total Credits

- Earn at least 3 credits from the following course sets:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)

- COP3502C - Computer Science I (3)
- COT3100C - Introduction to Discrete Structures (3)
- STA2014 - Principles of Statistics (3)
- STA2023 - Statistical Methods I (3)
- STA3032 - Probability and Statistics for Engineers (3)
- CGS1060C - Introduction to Computers (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Suggested:
 - Complete the following:
 - AMH2020 - U.S. History: 1877-Present (3)
 - Earn at least 3 credits from the following course sets:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundation

6 Total Credits

- Complete all of the following
 - Suggested:
 - Complete the following:
 - AST2002 - Astronomy (3)
 - ANT2511 - The Human Species (3)

Grand Total Credits: **36**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - ENC 1101 - Composition I Credit Hours: 3 (GEP)
 - ENC 1102 - Composition II Credit Hours: 3 (GEP)
 - * ENC 1101 - See Transfer Notes for possible substitutions. See "Common Prerequisites " in the Transfer and Transition Services section for more information.

Grand Total Credits: **0**

Degree Requirements

Core Requirements: Basic Level

9 Total Credits

- Complete all of the following
 - Complete the following:
 - CRW3013 - Creative Writing for English Majors (3)
 - ENG3014 - Theories and Techniques of Literature Study (3)
 - CRW3053 - Theory & Practice of Creative Writing (3)
 - *ENG 3014 - This is a prerequisite for all 4000 level AML, ENG, ENL, or LIT courses

Core Requirements: Advanced Level

12 Total Credits

- Complete all of the following
 - Literary History Requirement
 - Choose four courses total from these two groupings

Pre-1865 literature

- Complete all of the following
 - Select at least one of these pre-1865 literature courses
 - Note: Each semester, additional courses may satisfy these requirements. Check with an advisor for details.
 - Earn at least 3 credits from the following:
 - AML3031 - American Literature I (3)
 - AML3613 - Narratives of Slavery (3)
 - ENL2012 - English Literature I (3)
 - ENL3220 - English Renaissance Poetry and Prose (3)
 - ENL4230 - Eighteenth-Century Studies (3)
 - ENL4240 - English Romantic Writers (3)
 - ENL4311 - Chaucer (3)
 - ENL4333 - Shakespeare Studies (3)
 - ENL4341 - Milton and His Age (3)
 - AML3286 - Early American Women's Words (3)
 - AML3640 - Native American Literature (3)
 - LIT4374 - The Literature of the Hebrew and Christian Bibles (3)
 - ENL3296 - Gothic Literature (3)

Post-1865 literature

- Complete all of the following
 - Select at least one of these post-1865 literature courses
 - Each semester, additional courses may satisfy this requirement. Check with an advisor for details.
 - Earn at least 3 credits from the following:
 - AML3041 - American Literature II (3)
 - AML3283 - Contemporary American Women's Fiction (3)
 - AML3614 - Topics in African-American Literature (3)
 - AML3615 - Harlem, Haiti, and Havana (3)
 - AML3643 - Contemporary Native American Prose and Poetry (3)
 - AML4101 - American Novel (3)
 - AML4155 - Modern American Poetry (3)
 - AML4265 - Florida Writers (3)
 - AML4321 - Modern American Literature (3)
 - AML4630 - Latino/Latina Literature (3)
 - ENL2022 - English Literature II (3)
 - ENL4101 - English Novel (3)
 - ENL4253 - The Victorian Age (3)
 - ENL4262 - Nineteenth Century British Prose (3)
 - ENL4273 - Modern British Literature (3)
 - LIT3082 - Continental European Fiction Since 1900 (3)
 - LIT3192 - Caribbean Literature (3)
 - LIT4043 - Modern Drama As Literature (3)
 - LIT4184 - Irish Literature (3)
 - LIT4303 - Post-World War II Fiction (3)
 - LIT3823 - Hispanic Women Writers (3)
- AML 4261 - Literature of the South Credit Hours: 3
- Earn at least 6 credits from the following types of courses:
Pre-1865 Literature courses or Post-1865 Literature courses

Restricted Electives

15 Total Credits

- Complete all of the following
 - Please note that students must take 4 but no more than 6 of the courses listed in a. and b. below.
 - A list of approved restricted elective courses is found in the myKnight audit.
 - Complete at least 2 of the following:
 - CRW3120 - Fiction Writing Workshop (3)
 - CRW3211 - Creative Nonfiction Writing (3)
 - CRW3310 - Poetry Writing Workshop (3)
 - CRW3610 - Writing Scripts (3)
 - Complete at least 2 of the following:

- CRW4122 - Advanced Fiction Writing Workshop (3)
- CRW4224 - Advanced Nonfiction Workshop (3)
- CRW4320 - Advanced Poetry Writing Workshop (3)
- CRW4616 - Advanced Scriptwriting Workshop (3)
- *May take ENC 4360 - Nature Writing instead of CRW 4224 but not both.
- Complete at least 1 of the following:
 - CRW3311 - Readings in Poetry for Creative Writing (3)
 - CRW3540 - Literary Magazines (3)
 - CRW4114 - History of Prose Style (3)
 - CRW4724 - The Florida Review (3)
 - CRW4722 - Editing for Creative Writers (3)
- any other CRW elective or Special Topics course Credit Hours: 3

Grand Total Credits: **36**

Program Details

Capstone Requirements

- None

Electives

- Select primarily from upper level courses, with departmental advisor's approval. May be outside of the department.

Foreign Language Requirements

Admissions

- Met by graduation requirement

Graduation

- Proficiency equivalent to three semesters of college instruction in a foreign language taught by the Department of

Modern Languages and Literatures or the Department of History (Hebrew). Standardized examinations for foreign languages may be used to meet the requirement. With departmental approval, a cultural/multicultural or related course offered by the Department of English may be used to satisfy one semester of the Graduation requirement.

Additional Requirements

- The English Department offers multiple opportunities to complete the signature experience requirement. Please consult the Undergraduate Advisor for a full listing.

Required Minors

- None

Departmental Exit Requirements

- Maintain and achieve a minimum GPA of 2.0 in all courses used towards the major.

University Minimum Exit Requirements

- A 2.0 UCF GPA

48 semester hours of upper division credit completed

- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120 Additional Information Honors In Major (9 Credit Hours)

- Application and admission through the English Honors Committee and the Honors College.
- Fulfill University requirements for Honors in the Major.
- Grade of "B" (3.0) or better in an English graduate or undergraduate course or in a graduate or undergraduate course outside the major that relates to thesis with approval (3 hrs), Directed Readings (3 hrs), and Thesis hours (3 hrs).
- Successful completion and oral defense of Honors thesis.

Related Programs

- English, Technical Communication (B.A.)
- English, Literature (B.A.)

Certificates

- Editing and Publishing Certificate

Related Minors

- English, Linguistics Minor
- English, Technical Communication Minor
- Writing and Rhetoric Minor
- English, Literature Minor

Advising Notes

- None

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses

None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Plan of Study

- One of numerous possible plans of study. See program description for all requirements. Consult a departmental advisor for alternate, new or more appropriate selections.

Freshman Year - Fall (15 Credit Hours)

- ENC 1101 - Composition I Credit Hours: 3
- GEP Credit Hours: 3
- GEP Credit Hours: 3
- GEP Credit Hours: 3
- GEP Credit Hours: 3

Freshman Year - Spring (16 Credit Hours)

- ENC 1102 - Composition II Credit Hours: 3
- GEP Credit Hours: 3
- GEP Credit Hours: 3
- GEP Credit Hours: 3
- Foreign Language Elementary I Credit Hours: 4

Sophomore Year - Fall (16 Credit Hours)

- LIT 2110 or LIT 2120 Credit Hours: 3
- GEP Credit Hours: 3
- GEP Credit Hours: 3
- Foreign Language Elementary II Credit Hours: 4

- Elective Credit Hours: 3

Sophomore Year - Spring (15 Credit Hours)

- CRW 3013 - Creative Writing for English Majors Credit Hours: 3
- CRW 3053 - Theory & Practice of Creative Writing Credit Hours: 3
- Pre-1865 Literary History Elective Credit Hours: 3
- Pre- or Post-1865 Literary History Elective Credit Hours: 3
- Foreign Language Intermediate I or English Diversity or Elective Credit Hours: 3

Junior Year - Fall (15 Credit Hours)

- ENG 3014 - Theories and Techniques of Literature Study Credit Hours: 3
- Post-1865 Literary History Elective Credit Hours: 3
- Writing Workshop Credit Hours: 3
- Elective Credit Hours: 3
- Elective Credit Hours: 3

Junior Year - Spring (15 Credit Hours)

- Pre- or Post-1865 Literary History Elective Credit Hours: 3
- Writing Workshop Credit Hours: 3
- Advanced Writing Workshop Credit Hours: 3
- Elective Credit Hours: 3
- Elective Credit Hours: 3

Senior Year - Fall (15 Credit Hours)

- Advanced Writing Workshop Credit Hours: 3
- Creative Writing Elective Credit Hours: 3
- Upper Level Elective Credit Hours: 3
- Upper Level Elective Credit Hours: 3
- Elective Credit Hours: 3

Senior Year - Spring (13 Credit Hours)

- Upper Level Elective Credit Hours: 3
- Upper Level Elective Credit Hours: 3
- Upper Level Elective Credit Hours: 3
- Upper Level Elective Credit Hours: 3
- Elective Credit Hours: 1

English, Creative Writing Minor

College

College of Arts and Humanities

Department

Department of English

Program Type

Minor

Program Contact Information

College of Arts and Humanities
English Department
Trevor Colbourn Hall (TCH) 250A
english@ucf.edu

Department Chair: James Campbell
407-823-5596

Program Description

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Required Courses

6 Total Credits

- Complete the following:
 - CRW3013 - Creative Writing for English Majors (3)
 - CRW3053 - Theory & Practice of Creative Writing (3)

Restricted Electives

6 Total Credits

- Complete all of the following
 - A list of approved restricted elective courses is found in the myKnight audit.
 - Please note that students will be allowed to take only one course in each of the below categories. Students wishing to take more workshop courses should consider a double major.
 - Complete at least 1 of the following:
 - CRW3120 - Fiction Writing Workshop (3)
 - CRW3211 - Creative Nonfiction Writing (3)
 - CRW3310 - Poetry Writing Workshop (3)
 - CRW3610 - Writing Scripts (3)
 - Complete at least 1 of the following:
 - CRW4122 - Advanced Fiction Writing Workshop (3)
 - CRW4224 - Advanced Nonfiction Workshop (3)
 - CRW4320 - Advanced Poetry Writing Workshop (3)
 - CRW4616 - Advanced Scriptwriting Workshop (3)

Restricted Upper Division Electives

6 Total Credits

- Complete all of the following
 - Complete at least 2 of the following:
 - CRW3311 - Readings in Poetry for Creative Writing (3)
 - CRW3540 - Literary Magazines (3)
 - CRW4114 - History of Prose Style (3)
 - CRW4722 - Editing for Creative Writers (3)
 - CRW4724 - The Florida Review (3)
 - ENC3310 - Magazine Writing I (3)
 - ENC4360 - Nature Writing (3)
 - LIT3607 - Mad, Bad, and Dangerous: Roles and Images of Writers in Society (3)
 - CRW6806C - Teaching Creative Writing (3)
 - Any other CRW elective or Special Topics course Credit Hours: 3

Foreign Language Requirements

0 Total Credits

- None

Grand Total Credits: **18**

Program Details

Other Requirements

- A grade of "C" (2.0) or better is required in each course used to satisfy the minor.
- At least 12 hours used in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor.

English, Linguistics Minor

College

College of Arts and Humanities

Department

Department of English

Program Type

Minor

Program Contact Information

College of Arts and Humanities
English Department
Trevor Colbourn Hall (TCH) 250A
english@ucf.edu

Department Chair: James Campbell
407-823-5596

Program Description

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Required Courses

9 Total Credits

- Complete the following:
 - LIN3010 - Principles of Linguistics (3)
 - LIN4105 - History of the English Language (3)
 - LIN4680 - Modern English Grammar (3)

Restricted Electives

9 Total Credits

- Complete all of the following
 - Earn at least 9 credits from the following:
 - LIN4660 - Linguistics and Literature (3)
 - LIN4801 - Language and Meaning (3)
 - LIN5137 - Linguistics (3)
 - ANT3610 - Language and Culture (3)
 - PHI4400 - Philosophy of Science (3)
 - PHI4221 - Philosophy of Language (3)
 - SPA3112C - Basic Phonetics (4)
 - Or any course approved by the Linguistics Committee Credit Hours: 3

Foreign Language Requirements

0 Total Credits

- None

Grand Total Credits: **18**

Program Details

Other Requirements

- A grade of "C" (2.0) or better is required in each course used to satisfy the minor.
- At least 9 hours used in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor.

English, Literature (B.A.)

College

College of Arts and Humanities

Department

Department of English

Program Type

Major

Program Contact Information

**College of Arts and Humanities
English Department
Trevor Colbourn Hall (TCH) 250A
english@ucf.edu**

Department Chair: James Campbell
407-823-5596

Is this program available 100% online?

Yes

UCF Online

Online English – Literature, BA

Program Description

English (B.A.) - Literature may be completed fully online, although not all elective options or program prerequisites may be offered online. Newly admitted students choosing to complete this program exclusively via UCF online classes may enroll with a reduction in campus-based fees.

Admission Requirements

- None

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students must earn at least a "C" (2.0) in each required course.
- Co-op or internship credit is not accepted in the major.
- Students should consult with a departmental advisor.
- Departmental Residency Requirement consists of at least 15 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF English Department.
- Courses designated in General Education Program and Common Program Prerequisites are usually completed in the first 60 hours.

General Education (GEP)

Communication Foundations 9 Total Credits

- Complete all of the following
 - Required:
 - Complete the following:
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Preferred:
 - Complete the following:
 - SPC1608 - Fundamentals of Oral Communication (3)

Cultural & Historical Foundations 9 Total Credits

- Complete all of the following
 - Preferred:
 - Complete the following:
 - HUM2020 - Encountering the Humanities (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)

Mathematical Foundations 6 Total Credits No Rules

Math:

3 Total Credits

- Complete 1 of the following
 - Suggested:
 - Complete at least 1 of the following:
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - Or you may substitute a higher level math with appropriate scores on the Math Placement Exam

Statistics - Computers:

3 Total Credits

- Earn at least 3 credits from the following course sets:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Suggested:
 - Complete the following:
 - AMH2020 - U.S. History: 1877-Present (3)
 - Earn at least 3 credits from the following course sets:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundations

6 Total Credits

- Complete all of the following
 - Suggested:
 - Complete the following:
 - AST2002 - Astronomy (3)
 - ANT2511 - The Human Species (3)

Grand Total Credits: **36**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - ENC 1101 - Composition I Credit Hours: 3 (GEP) : See transfer notes for possible substitutions
 - ENC 1102 - Composition II Credit Hours: 3 (GEP)

Grand Total Credits: **0**

Degree Requirements

Core Requirements: Basic Level

6 Total Credits

- Complete all of the following
 - Complete the following:
 - ENG3014 - Theories and Techniques of Literature Study (3)
 - *ENG 3014 - Prerequisite for all 4000 level AML, ENG, ENL, or LIT courses
 - Complete at least 1 of the following:
 - CRW3013 - Creative Writing for English Majors (3)
 - ENC3241 - Writing for the Technical Professional (3)
 - CRW3053 - Theory & Practice of Creative Writing (3)
 - LIT3212 - Research & Writing About Literature (3)

Core Requirements: Advanced Level

15 Total Credits

- Complete all of the following
 - Literary History Requirement
 - Choose five courses from the two groupings
 - Pre-1865 Literature
 - Complete all of the following
 - Note: Each semester, additional courses may satisfy this requirement. Check with advisor for details.
 - Complete at least 2 of the following:
 - AML3031 - American Literature I (3)
 - AML3613 - Narratives of Slavery (3)
 - ENL2012 - English Literature I (3)
 - ENL3220 - English Renaissance Poetry and Prose (3)
 - ENL4230 - Eighteenth-Century Studies (3)
 - ENL4240 - English Romantic Writers (3)
 - LIT4374 - The Literature of the Hebrew and Christian Bibles (3)
 - AML3286 - Early American Women's Words (3)
 - AML3640 - Native American Literature (3)
 - ENL3296 - Gothic Literature (3)
 - Post-1865 Literature
 - Complete all of the following
 - Note: Each semester, additional courses may satisfy this requirement. Check with advisor for details.
 - Complete at least 2 of the following:
 - AML3041 - American Literature II (3)
 - AML3283 - Contemporary American Women's Fiction (3)
 - AML3614 - Topics in African-American Literature (3)
 - AML3615 - Harlem, Haiti, and Havana (3)
 - AML3643 - Contemporary Native American Prose and Poetry (3)
 - AML4101 - American Novel (3)
 - AML4155 - Modern American Poetry (3)
 - AML4265 - Florida Writers (3)
 - AMH3562 - Women in American History II (3)
 - AML4630 - Latino/Latina Literature (3)
 - ENL2022 - English Literature II (3)
 - ENL4101 - English Novel (3)
 - ENL4253 - The Victorian Age (3)
 - ENL4262 - Nineteenth Century British Prose (3)
 - ENL4273 - Modern British Literature (3)
 - LIT3082 - Continental European Fiction Since 1900 (3)
 - LIT3192 - Caribbean Literature (3)
 - LIT4043 - Modern Drama As Literature (3)
 - LIT4184 - Irish Literature (3)
 - LIT4303 - Post-World War II Fiction (3)
 - LIT3823 - Hispanic Women Writers (3)
 - AML 4261 - Literature of the South Credit Hours: 3
 - Earn at least 3 credits from the following types of courses:
Pre-1865 Literature courses or Post-1865 Literature courses

Restricted Electives
15 Total Credits

- Complete all of the following
 - Upper Division Requirements
 - A list of approved restricted elective courses is found in the myKnight audit.
Choose one single author or major author course:
 - Complete at least 1 of the following:
 - AML4300 - Major American Authors (3)
 - ENL4311 - Chaucer (3)
 - ENL4341 - Milton and His Age (3)
 - ENL4333 - Shakespeare Studies (3)
 - ENL4303 - British Authors (3)
 - LIT4244 - World Authors (3)
 - Choose one linguistics or theory course:
 - Complete at least 1 of the following:
 - ENG3010 - Practical Criticism (3)
 - LIN3010 - Principles of Linguistics (3)
 - LIN4105 - History of the English Language (3)
 - LIN4660 - Linguistics and Literature (3)
 - LIN4680 - Modern English Grammar (3)
 - LIT4554 - Advanced Feminist Theories (3)
 - Earn at least 9 credits from the following types of courses:
AML, ENL, LIT or ENG prefix additional upper level courses (Three courses)

Grand Total Credits: **36**

Program Details

Capstone Requirements

- None

Electives

Select primarily from upper level courses, with departmental advisor's approval. May be outside of the department. Please note

that no more than 6 of the following courses may be taken:

- CRW 3120 - Fiction Writing Workshop Credit Hours: 3
- CRW 3211 - Creative Nonfiction Writing Credit Hours: 3
- CRW 3310 - Poetry Writing Workshop Credit Hours: 3
- CRW 3610 - Writing Scripts Credit Hours: 3
- CRW 4122 - Advanced Fiction Writing Workshop Credit Hours: 3
- CRW 4224 - Advanced Nonfiction Workshop Credit Hours: 3
- CRW 4320 - Advanced Poetry Writing Workshop Credit Hours: 3
- CRW 4616 - Advanced Scriptwriting Workshop Credit Hours: 3
- ENC 4360 - Nature Writing Credit Hours: 3

Foreign Language Requirements

Admissions

- Met by graduation requirement

Graduation

- Proficiency equivalent to three semesters of college instruction in a foreign language taught by the Department of
- Modern Languages and Literatures or the Department of History (Hebrew). Standardized examinations for foreign
- languages may be used to meet the requirement. With departmental approval, a cultural/multicultural or related course

- offered by the Department of English may be used to satisfy one semester of the Graduation requirement.

Additional Requirements

The English Department offers multiple opportunities to complete the signature experience requirement. Please consult

the Undergraduate Advisor for a full listing.

Departmental Exit Requirements

- Maintain and achieve a minimum GPA of 2.0 in all courses used towards the major.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 48 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major (9 Credit Hours)

- Application and admission through the English Honors Committee and the Honors College.
- Fulfill University requirements for Honors in the Major.
- Grade of "B" (3.0) or better in an English graduate or undergraduate level course or in a graduate or undergraduate
- level course outside the major that relates to thesis with approval (3 hrs), Directed Readings (3 hrs), and Thesis hours (3
- hrs).
- Successful completion and oral defense of Honors thesis.

Related Programs

- English, Creative Writing (B.A.)
- English, Technical Communication (B.A.)

Certificates

- Editing and Publishing Certificate

Related Minors

- English, Creative Writing Minor
- English, Linguistics Minor
- English, Technical Communication Minor
- Writing and Rhetoric Minor

Advising Notes

- None

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must
- provide all supporting information.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at:
- http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Plan of Study

- One of the numerous possible plans of study. See program description for all requirements. Consult a departmental
- advisor for alternate, new or more appropriate selections.

Freshman Year - Fall (15 Credit Hours)

- ENC 1101 - Composition I Credit Hours: 3
- GEP Credit Hours: 3
- GEP Credit Hours: 3
- GEP Credit Hours: 3
- GEP Credit Hours: 3

Freshman Year - Spring (16 Credit Hours)

- ENC 1102 - Composition II Credit Hours: 3
- GEP Credit Hours: 3
- GEP Credit Hours: 3
- GEP Credit Hours: 3
- Foreign Language Elementary I Credit Hours: 4

Sophomore Year - Fall (16 Credit Hours)

- LIT 2120 - World Literature II Credit Hours: 3
- GEP Credit Hours: 3
- GEP Credit Hours: 3
- Foreign Language Elementary II Credit Hours: 4
- Elective Credit Hours: 3

Sophomore Year - Spring (15 Credit Hours)

- ENG 3014 - Theories and Techniques of Literature Study Credit Hours: 3
- Pre-1865 Literary History Elective Credit Hours: 3
- Post-1865 Literary History Elective Credit Hours: 3
- Foreign Language Intermediate I or English Diversity or Elective Credit Hours: 3
- Elective Credit Hours: 3

Junior Year - Fall (15 Credit Hours)

- CRW 3013, CRW 3053, ENG 3241, or LIT 3212 Credit Hours: 3
- Post-1865 Literary History Elective Credit Hours: 3
- Linguistics or Theory Elective Credit Hours: 3
- Elective Credit Hours: 3
- Elective Credit Hours: 3

Junior Year - Spring (15 Credit Hours)

- Pre-1865 Literary History Elective Credit Hours: 3
- Major Author Elective Credit Hours: 3
- Literature Upper Level Elective Credit Hours: 3
- Elective Credit Hours: 3
- Elective Credit Hours: 3

Senior Year - Fall (15 Credit Hours)

- Pre- or Post-1865 Literary History Elective Credit Hours: 3
- Literature Upper Level Elective Credit Hours: 3
- Upper Level Elective Credit Hours: 3
- Upper Level Elective Credit Hours: 3
- Upper Level Elective Credit Hours: 3

Senior Year - Spring (13 Credit Hours)

- Literature Upper Level Elective Credit Hours: 3
- Upper Level Elective Credit Hours: 3
- Upper Level Elective Credit Hours: 3
- Upper Level Elective Credit Hours: 3
- Elective Credit Hours: 1

English, Literature Minor

College

College of Arts and Humanities

Department

Department of English

Program Type

Minor

Program Contact Information

College of Arts and Humanities
English Department
Trevor Colbourn Hall (TCH) 250A
english@ucf.edu

Department Chair: James Campbell
407-823-5596

Program Description

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Required Courses

3 Total Credits

- Complete all of the following
 - Complete the following:
 - ENG3014 - Theories and Techniques of Literature Study (3)
 - ENG 3014- PR for all 4000 level AML, ENG, ENL, and LIT courses

Restricted Electives

15 Total Credits

- Earn at least 15 credits from the following types of courses:
English courses with AML, ENG, ENL, or LIT prefixes chosen by student and departmental advisor. A list of approved restricted elective courses is found in the myKnight audit.

Foreign Language Requirements

0 Total Credits

- None

Grand Total Credits: **18**

Program Details

Other Requirements

- A grade of "C" (2.0) or better is required in each course used to satisfy the minor.
- At least 12 hours used in the minor must be earned at UCF within the department, and must be regularly scheduled, upper level courses.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor.

English, Technical Communication (B.A.)

College

College of Arts and Humanities

Department

Department of English

Program Type

Major

Program Contact Information

College of Arts and Humanities
English Department
Trevor Colbourn Hall (TCH) 250A
english@ucf.edu

Department Chair: James Campbell
407-823-5596

Is this program available 100% online?

Yes

UCF Online

Online English – Technical Communication, BA

Program Description

English (B.A.) - Technical Communication may be completed fully online, although not all elective options or program prerequisites may be offered online. Newly admitted students choosing to complete this program exclusively via UCF online classes may enroll with a reduction in campus-based fees.

Admission Requirements

- None

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students must earn at least a "C" (2.0) in each required course.
- Students should consult with a departmental advisor.
- Departmental Residency Requirement consists of at least 15 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF English Department.
- Courses designated in General Education Program and Common Program Prerequisites are usually completed in the first 60 hours.

General Education (GEP)

Communication Foundations

9 Total Credits

- Complete all of the following
 - Required:
 - Complete the following:
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Preferred:
 - Complete the following:
 - SPC1608 - Fundamentals of Oral Communication (3)

Cultural & Historical Foundations

9 Total Credits

- Complete all of the following
 - Suggested:
 - Complete the following:
 - HUM2020 - Encountering the Humanities (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)

Mathematical Foundations

6 Total Credits

No Rules

Math:

3 Total Credits

- Complete all of the following
 - You may substitute a higher level math with appropriate scores on the Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
 - Suggested:
 - Complete at least 1 of the following:
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)

Statistics - Computers:

3 Total Credits

- Earn at least 3 credits from the following course sets:

GEP 8- Mathematical Foundations

- CGS2100C - Computer Fundamentals for Business (3)
- COP2500C - Concepts in Computer Science (3)
- COP3502C - Computer Science I (3)
- COT3100C - Introduction to Discrete Structures (3)
- STA2014 - Principles of Statistics (3)
- STA2023 - Statistical Methods I (3)
- STA3032 - Probability and Statistics for Engineers (3)
- CGS1060C - Introduction to Computers (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Suggested:
 - Complete the following:
 - AMH2020 - U.S. History: 1877-Present (3)
 - Earn at least 3 credits from the following course sets:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundations

6 Total Credits

- Complete all of the following
 - Suggested:
 - Complete the following:
 - AST2002 - Astronomy (3)
 - ANT2511 - The Human Species (3)

Grand Total Credits: **36**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - See "Common Prerequisites " in the Transfer and Transitions Services section for more information.
 - ENC 1101 - Composition I Credit Hours: 3 (GEP)
 - ENC 1102 - Composition II Credit Hours: 3 (GEP)

Grand Total Credits: **0**

Degree Requirements

Core Requirements: Basic Level

6 Total Credits

- Complete all of the following
 - Complete the following:
 - ENC3241 - Writing for the Technical Professional (3)
 - Complete at least 1 of the following:
 - CRW3013 - Creative Writing for English Majors (3)
 - ENG3014 - Theories and Techniques of Literature Study (3)
 - CRW3053 - Theory & Practice of Creative Writing (3)

Core Requirements: Advanced Level

15 Total Credits

- Complete all of the following
 - Complete the following:
 - ENC4280 - Technical Writing Style (3)
 - ENC4293 - Documentation and Project Management (3)
 - ENC4294 - Client-Based Project Management (3)
 - LIT4433 - Literature of Science and Technology (3)
 - Complete at least 1 of the following:
 - ENC4215 - Document Design and Publication (3)
 - ENC4218 - Visual Technical Communication (3)

Literary History Requirement
9 Total Credits

- Complete all of the following
 - Choose three courses from these two groupings
 - Pre-1865 Literature
 - Earn at least 3 credits from the following:
 - AML3031 - American Literature I (3)
 - AML3613 - Narratives of Slavery (3)
 - ENL2012 - English Literature I (3)
 - ENL3220 - English Renaissance Poetry and Prose (3)
 - ENL4230 - Eighteenth-Century Studies (3)
 - ENL4240 - English Romantic Writers (3)
 - ENL4311 - Chaucer (3)
 - ENL4333 - Shakespeare Studies (3)
 - ENL4341 - Milton and His Age (3)
 - LIT4374 - The Literature of the Hebrew and Christian Bibles (3)
 - AML3286 - Early American Women's Words (3)
 - AML3640 - Native American Literature (3)
 - ENL3296 - Gothic Literature (3)
 - Post 1865 Literature
 - Earn at least 3 credits from the following:
 - AML3041 - American Literature II (3)
 - AML3261 - Literature of the South (3)
 - AML3283 - Contemporary American Women's Fiction (3)
 - AML3614 - Topics in African-American Literature (3)
 - AML3615 - Harlem, Haiti, and Havana (3)
 - AML4101 - American Novel (3)
 - AML4155 - Modern American Poetry (3)
 - AML4265 - Florida Writers (3)
 - AML4321 - Modern American Literature (3)
 - AML4630 - Latino/Latina Literature (3)
 - ENL2022 - English Literature II (3)
 - ENL4101 - English Novel (3)
 - ENL4253 - The Victorian Age (3)
 - ENL4262 - Nineteenth Century British Prose (3)
 - ENL4273 - Modern British Literature (3)
 - LIT3082 - Continental European Fiction Since 1900 (3)
 - LIT3192 - Caribbean Literature (3)
 - LIT4043 - Modern Drama As Literature (3)
 - LIT4184 - Irish Literature (3)
 - LIT4303 - Post-World War II Fiction (3)
 - AML3643 - Contemporary Native American Prose and Poetry (3)
 - LIT3823 - Hispanic Women Writers (3)
 - Earn at least 3 credits from the following types of courses:
Pre-1865 Literature courses or Post 1865 Literature courses

Restricted Electives
6 Total Credits

- Complete all of the following
 - A list of approved restricted elective courses is found in the myKnight audit

- Complete at least 2 of the following:
 - ENC4262 - International Technical Communication (3)
 - ENC4265 - Writing for the Computer Industry (3)
 - ENC4290 - Usability Testing for Technical Communication (3)
 - ENC4414 - Writing and Hypertext (3)
 - ENC4298 - Technical Communication for the Virtual Workplace (3)
 - ENC4415 - Digital Rhetorics and The Modern Dialectic (3)
 - ENC4219 - Technical Communication and Plain Language (3)
- Optional course:
- ENC 4941 - Internship Credit Hours: 3

Grand Total Credits: **36**

Program Details

Capstone Requirements

- None

Electives

Select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the department.

Please note that no more than 6 of the following courses may be taken:

- CRW 3120 - Fiction Writing Workshop Credit Hours: 3
- CRW 3211 - Creative Nonfiction Writing Credit Hours: 3
- CRW 3310 - Poetry Writing Workshop Credit Hours: 3
- CRW 3610 - Writing Scripts Credit Hours: 3
- CRW 4122 - Advanced Fiction Writing Workshop Credit Hours: 3
- CRW 4224 - Advanced Nonfiction Workshop Credit Hours: 3
- CRW 4320 - Advanced Poetry Writing Workshop Credit Hours: 3
- CRW 4616 - Advanced Scriptwriting Workshop Credit Hours: 3
- ENC 4360 - Nature Writing Credit Hours: 3

Foreign Language Requirements

Admissions

- Met by graduation requirement

Graduation

Proficiency equivalent to three semesters of college instruction in a foreign language taught by the Department of

Modern Languages and Literatures or the Department of History (Hebrew). Standardized examinations for foreign

languages may be used to meet the requirement. With departmental approval, a cultural/multicultural or related course

offered by the Department of English may be used to satisfy one semester of the Graduation requirement.

Additional Requirements

The English Department offers multiple opportunities to complete the signature experience requirement. Please consult

the Undergraduate Advisor for a full listing.

Required Minors

- None

Departmental Exit Requirements

- Maintain and achieve a minimum GPA of 2.0 in all courses used towards the major.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 48 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major (9 Credit Hours)

- Application and admission through the English Honors Committee and the Honors College.
- Fulfill University requirements for Honors in the Major.
- Grade of "B" (3.0) or better in an English graduate or undergraduate level course or in a graduate or undergraduate
- level course outside the major that relates to thesis with approval (3 hours), Directed Readings (3 hours), and Thesis
- hours (3 hours).
- Successful completion and oral defense of Honors thesis.

Related Programs

- English, Creative Writing (B.A.)
- English, Literature (B.A.)

Certificates

- Editing and Publishing Certificate

Related Minors

- English, Creative Writing Minor
- English, Literature Minor
- English, Linguistics Minor
- Writing and Rhetoric Minor

Advising Notes

- None

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must
- provide all supporting information.

Acceptable Substitutes for Transfer Courses

- ENC 1101 & ENC 1102: may use any two lower level courses taught in the English Department. However, ENC
- 1101 & ENC 1102 are prerequisites for all subsequent English courses and will need to be taken for the major.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at:
- http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Plan of Study

- One of the numerous possible plans of study. See program description for all requirements. Consult a departmental
- advisor for alternate, new or more appropriate selections.

Freshman Year - Fall (15 Credit Hours)

- ENC 1101 - Composition I Credit Hours: 3
- GEP Credit Hours: 3
- GEP Credit Hours: 3
- GEP Credit Hours: 3
- GEP Credit Hours: 3

Freshman Year - Spring (16 Credit Hours)

ENC 1102 - Composition II Credit Hours: 3

- GEP Credit Hours: 3
- GEP Credit Hours: 3
- GEP Credit Hours: 3
- Foreign Language Elementary I Credit Hours: 4

Sophomore Year - Fall (16 Credit Hours)

- LIT 2110 or LIT 2120 Credit Hours: 3
- GEP Credit Hours: 3
- GEP Credit Hours: 3
- Foreign Language Elementary II Credit Hours: 4
- Elective Credit Hours: 3

Sophomore Year - Spring (15 Credit Hours)

- ENC 3241 - Writing for the Technical Professional Credit Hours: 3
- Pre-1865 Literary History Elective Credit Hours: 3
- CRW 3013, CRW 3053, or ENG 3014 Credit Hours: 3
- Foreign Language Intermediate I or English Diveristy or Elective Credit Hours: 3
- Elective Credit Hours: 3

Junior Year - Fall (15 Credit Hours)

- ENC 4293 - Documentation and Project Management Credit Hours: 3
- LIT 4433 - Literature of Science and Technology Credit Hours: 3
- Post-1865 Literary History Elective Credit Hours: 3
- Elective Credit Hours: 3
- Elective Credit Hours: 3

Junior Year - Spring (15 Credit Hours)

- ENC 4294 - Client-Based Project Management Credit Hours: 3
- ENC 4280 - Technical Writing Style Credit Hours: 3
- Pre- or Post-1865 Literary History Elective Credit Hours: 3
- Upper Level Elective Credit Hours: 3
- Elective Credit Hours: 3

Senior Year - Fall (15 Credit Hours)

- ENC 4215 or ENC 4218 Credit Hours: 3
- Technical Communication Restricted Elective Credit Hours: 3
- Upper Level Elective Credit Hours: 3
- Upper Level Elective Credit Hours: 3
- Elective Credit Hours: 3

Senior Year - Spring (13 Credit Hours)

- Technical Communication Restricted Elective Credit Hours: 3
- Upper Level Elective Credit Hours: 3
- Upper Level Elective Credit Hours: 3
- Upper Level Elective Credit Hours: 3
- Elective Credit Hours: 1

English, Technical Communication Minor

College

College of Arts and Humanities

Department

Department of English

Program Type

Minor

Program Contact Information

**College of Arts and Humanities
English Department
Trevor Colbourn Hall (TCH) 250A
english@ucf.edu**

Department Chair: James Campbell
407-823-5596

Program Description

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Required Courses

15 Total Credits

- Complete all of the following
 - Complete the following:
 - ENC4293 - Documentation and Project Management (3)
 - ENC4294 - Client-Based Project Management (3)
 - ENC4280 - Technical Writing Style (3)
 - ENC3241 - Writing for the Technical Professional (3)
 - Complete at least 1 of the following:
 - ENC4215 - Document Design and Publication (3)
 - ENC4218 - Visual Technical Communication (3)

Restricted Electives

3 Total Credits

- Complete at least 1 of the following:
 - ENC4219 - Technical Communication and Plain Language (3)
 - ENC4262 - International Technical Communication (3)
 - ENC4265 - Writing for the Computer Industry (3)
 - ENC4290 - Usability Testing for Technical Communication (3)
 - ENC4414 - Writing and Hypertext (3)
 - ENC4415 - Digital Rhetorics and The Modern Dialectic (3)
 - ENC4298 - Technical Communication for the Virtual Workplace (3)

Foreign Language Requirements

0 Total Credits

- None

Grand Total Credits: **18**

Program Details

Other Requirements

- A grade of "C" (2.0) or better is required in each course used to satisfy the minor.
- At least 12 hours used in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor.

Florida Studies Minor

College

College of Arts and Humanities

Department

Department of History

Program Type

Minor

Program Contact Information

**College of Arts and Humanities
History Department
Trevor Colbourn Hall (TCH), 319
407-823-2225
history@ucf.edu**

Associate Lecturer: Jim Clark
407-823-5596
James.Clark@ucf.edu

Program Description

Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- Students are responsible for meeting any prerequisites for the courses in the minor or for obtaining course instructor permission if prerequisites are not met.

Required Courses

- None

Degree Requirements

Restricted Electives

18 Total Credits

- Earn at least 18 credits from the following:
 - AMH3422 - Frontier Florida (3)
 - AMH3425 - Sunbelt Florida (3)
 - AMH4376 - U.S. Space History (3)
 - AML3261 - Literature of the South (3)
 - AML4265 - Florida Writers (3)
 - ANT3158 - Florida Archaeology (3)
 - AMH3483 - History of Florida Indians (3)
 - ARH3683 - Southern Folk Arts (3)
 - LAH4136 - Colonial Florida (3)
 - POS3173 - Southern Politics (3)
 - POS3182 - Florida Politics (3)

Foreign Language Requirements

0 Total Credits

- None

Grand Total Credits: **18**

Program Details

Other Requirements

- A grade of "C" (2.0) or better is required in each course used to satisfy the minor.
- At least 12 hours used in the minor must be earned at UCF.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor.
- No more than 3 credit hours may overlap with any other major or minor.

French and Francophone Studies (B.A.)

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

Program Type

Major

Program Contact Information

College of Arts and Humanities
Department of Modern Languages and Literatures
Trevor Colbourn Hall (TCH) 358A
407-823-2472
ModernLanguages@ucf.edu

Associate Lecturer: Dr. Elizabeth Giltner
Elizabeth.Giltner@ucf.edu

Program Description

The B.A in French and Francophone Studies focuses on the study of languages, cultures and literatures in France and in the numerous countries where French is spoken, as the official or second language. It consists of 36 credit hours at the 3000 and 4000 level.

Placement in Modern Language courses is based on one year of high school language being equivalent to one semester of college work. For example, four years of high school French may place the student in the first semester of the third year. Native speakers, or students who have received advanced education in French-speaking societies, may not take lower division French courses. They can, with their advisor's consent, substitute other upper division level courses for FRE 3780 , FRE 3420, FRE 4422, FRE 3760, and FRE 4421.

Admission Requirements

- None

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- 36 credits in French must be taken at the 3000 level or above in FRW, FRE, FRT and FOW courses.
- At least six of the 36 French credits must be at the 4000 level.
- Earn at least a "C" (2.0) in all courses.
- Departmental Residency Requirement consists of at least 18 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF Department of Modern Languages and Literatures.
- Language credit by exam will not be given in courses lower in level than those in which students are presently enrolled.
- Co-op or internship credit cannot be used in this major.
- Students must see a French advisor to obtain proper counseling and have their schedule approved before registering for courses in their major.
- Courses designated in Gen Ed Program and Common Program Prerequisites are usually completed in the first 60 hours.

General Education (GEP)

Communication Foundations

9 Total Credits

- Complete all of the following
 - Required:
 - Complete the following:
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Earn at least 3 credits from the following course sets:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

Cultural & Historical Foundations

9 Total Credits

- Complete all of the following
 - Complete the following:
 - HUM2020 - Encountering the Humanities (3)
 - HUM 2020: Suggested
 - Earn at least 3 credits from the following course sets:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)

- LIT2120 - World Literature II (3)
- MUH2017 - Survey of Rock Music (3)
- MUH2019 - American Popular Music, 1840s-present (3)
- MUL2016 - Evolution of Jazz (3)
- MUL2720 - Music of the World (3)
- PHI2010 - Introduction to Philosophy (3)
- REL2300 - World Religions (3)
- THE2000 - Theatre Survey (3)
- MUL2010 - Enjoyment of Music (3)
- Earn at least 3 credits from the following course sets:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Consider that some courses also partially satisfy the Gordon Rule requirement.

Mathematical Foundations

6 Total Credits

- Complete 2 of the following
 - Complete the following:
 - MGF1106 - Finite Mathematics (3)
 - Or
 - Complete the following:
 - MGF1107 - Explorations in Mathematics (3)
 - You may substitute a higher level math with appropriate scores on the Math Placement Exam.
 - Earn at least 3 credits from the following course sets:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)

Social Foundations

6 Total Credits

- Complete 2 of the following
 - Suggested:
 - Complete the following:
 - ANT2000 - General Anthropology (3)
 - Or
 - Complete the following:
 - SYG2000 - Introduction to Sociology (3)
 - Or
 - Complete the following:
 - PSY2012 - General Psychology (3)
 - Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
 - Consider that some courses also partially satisfy the Gordon Rule requirement.

Science Foundations
6 - 7 Total Credits

- Complete all of the following
 - Suggested:
 - Complete the following:
 - AST2002 - Astronomy (3)
 - Complete at least 1 courses from the following:
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)
 - Consider that some courses also partially satisfy the Gordon Rule requirement.

Grand Total Credits: **36 - 37**

Common Program Prerequisites (CPP) (If applicable)

14 Total Credits

- Complete all of the following
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information.
 - Complete the following:
 - FRE1120C - Elementary French Language and Civilization I (4)
 - FRE1121C - Elementary French Language and Civilization II (4)
 - FRE2200 - Intermediate French Language and Civilization I (3)
 - FRE2201 - Intermediate French Language and Civilization II (3)
 - FRE 1120C, FRE 1121C, FRE 2200, FRE 2201: May be met by proficiency test or completion of FRE 2201

Grand Total Credits: **14**

Degree Requirements

Core Requirements: Advanced Level
21 Total Credits

- Complete all of the following
 - Complete the following:
 - FRE4701 - Francophone Linguistics (3)
 - FRW3100 - Survey of French Literature I (3)
 - FRE3300 - French Grammar (3)
 - FRE3780 - French Phonetics and Diction (3)
 - Complete at least 1 of the following:
 - FRW3810 - French Literary Texts and Analysis (3)
 - FRW3770 - Francophone Literature (3)
 - Complete at least 1 of the following:
 - FRE3760 - Advanced French Oral Communication (3)
 - FRE4421 - Advanced French Conversation (3)
 - A native or near-native French speaker must substitute alternate upper division French courses in consultation with a departmental advisor.
 - Complete at least 1 of the following:
 - FRE3420 - French Composition (3)
 - FRE4422 - Advanced French Composition (3)
 - A native or near-native French speaker must substitute alternate upper division French courses in consultation with a departmental advisor.

Restricted Electives
15 Total Credits

- Earn at least 15 credits from the following types of courses:
Any upper level FRE, FRT, FRW or FOW courses not already used in the major.

Capstone Requirements
0 Total Credits

- Complete all of the following
 - French Exit Exam and Portfolio:
 - Complete the following:
 - FRE4950C - French Portfolio

Grand Total Credits: **36**

Program Details

Electives

- Variable
- Select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the department.

Foreign Language Requirements

Admissions

- Met by graduation requirements.

Graduation

- Met by Common Program Prerequisites

Additional Requirements

- Signature Experience requirement is met by successful completion of the following course(s):
- FRE 4950C - French Portfolio **Credit Hours: 0**

Required Minors

- None

Departmental Exit Requirements

- Earn a grade of "C" (2.0) or higher in at least 36 hours of upper division French courses
- During their last semester, students are required to satisfactorily complete a departmental exit exam, entirely in French. The exam is offered at the end of each October and March and students need the approval of their advisor to take the exam. Students may take the French Exit Exam a maximum of two times. Exceptions must be approved by the student's French advisor and by the French Program Director.
- Students must submit their Exit Exam and Portfolio (FRE 4950C) to the French Faculty by the due date. Students must earn a grade of "S" to successfully complete this requirement.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- Students interested in completing Honors Undergraduate Thesis (HUT) should contact their program advisor. More information about HUT can be found at <https://honors.ucf.edu/honors-undergraduate-thesis/>.

Related Programs

- Spanish (B.A.)

Certificates

- French Translation and Interpretation Certificate

Related Minors

- French Minor
- Italian Minor
- Judaic Studies Minor
- Latin American Studies Minor
- Spanish Minor

Advising Notes

- None

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated by the department chair for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alac/academic_learning_compacts.htm

Plan of Study

Freshman Year - Fall (16 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- FRE 1120C - Elementary French Language and Civilization I **Credit Hours: 4**

Freshman Year - Spring (16 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- FRE 1121C - Elementary French Language and Civilization II **Credit Hours: 4**

Freshman Year - Summer (3 Hours)

- FRE 2200 - Intermediate French Language and Civilization I **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- FRE 2201 - Intermediate French Language and Civilization II **Credit Hours: 3**
- French Upper Level Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- GEP **Credit Hours: 3**
- FRE 3780 - French Phonetics and Diction **Credit Hours: 3**
- Upper Level French Elective **Credit Hours: 3**

Select One:

- FRE 3760 - Advanced French Oral Communication **Credit Hours: 3**
- FRE 4421 - Advanced French Conversation **Credit Hours: 3**

Select One:

- FRW 3101 - Survey of French Literature II **Credit Hours: 3**
- FRW 3770 - Francophone Literature **Credit Hours: 3**

Sophomore Year - Summer (3 Credit Hours)

- Upper Level Elective **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- GEP **Credit Hours: 3**
- FRW 3100 - Survey of French Literature I **Credit Hours: 3**
- FRE 3300 - French Grammar **Credit Hours: 3**
- Elective **Credit Hours: 3**

Select One:

- FRE 3420 - French Composition **Credit Hours: 3**
- FRE 4422 - Advanced French Composition **Credit Hours: 3**

Junior Year - Spring (12 Credit Hours)

- FRE 4701 - Francophone Linguistics **Credit Hours: 3**
- Upper Level FRW Elective **Credit Hours: 3**

- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Senior Year - Fall (12 Credit Hours)

- Upper Level FRW Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- FRE 4950C - French Portfolio **Credit Hours: 0**
- French Upper Level Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 4**

French Minor

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

Program Type

Minor

Program Contact Information

College of Arts and Humanities

Department of Modern Languages and Literatures

Trevor Colbourn Hall (TCH) 358A

407-823-2472

ModernLanguages@ucf.edu

Associate Lecturer: Dr. Elizabeth Giltner

Elizabeth.Giltner@ucf.edu

Program Description

Minor Admission Requirements

- Completion of FRE 2201 with a "C" (2.0) or better.

Minor Requirements

- None

Prerequisite Courses

- FRE 2201 or equivalent

Degree Requirements

Required Courses

6 Total Credits

- Complete all of the following
 - Students must take one (1) course in French composition and one (1) course in French oral communication.
 - Native or near-native speakers of French can substitute FRE 3420, FRE 4422, FRE 3760, and FRE 4421 with an elective course in FRE, FRT, FRW, or FOW
 - French Composition:
 - Complete all of the following
 - A native or near-native speaker must substitute an alternate upper division course.
 - Complete at least 1 of the following:
 - FRE3420 - French Composition (3)
 - FRE4422 - Advanced French Composition (3)
 - French Oral Communication:
 - Complete all of the following
 - A native or near-native speaker must substitute an alternate upper division course.
 - Complete at least 1 of the following:
 - FRE3760 - Advanced French Oral Communication (3)
 - FRE4421 - Advanced French Conversation (3)

Restricted Electives

12 Total Credits

- Complete all of the following
 - Earn at least 12 credits from the following types of courses:
Select 4 upper-division FRE, FRW, FRT, or FOW courses offered in the Department of Modern Languages not already used to satisfy the minor.
 - Meet with a program advisor prior to registration.
 - A list of approved restricted elective courses is found in the myKnight audit

Foreign Language Requirements

0 Total Credits

- None

Grand Total Credits: **18**

Program Details

Other Requirements

- A grade of "C" (2.0) or better is required in all courses used to satisfy the minor.
- At least 12 hours used in the minor must be earned at UCF within the department.
- A maximum of 6 hours of study abroad credit may be applied to the minor at the program director's discretion.
- No credit exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit may be used toward the minor with departmental permission.

French Translation and Interpretation Certificate

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

Program Type

Certificate

Program Contact Information

College of Arts and Humanities
Department of Modern Languages and Literatures
Trevor Colbourn Hall (TCH) 358A
407-823-2472
ModernLanguages@ucf.edu

Senior Instructor: Julie Pomerleau
Julie.Pomerleau@ucf.edu

Program Description

Admission Requirements

- Completion of FRE 2201 with a "C" (2.0) or better.

Certificate Requirements

- For degree-seeking students, certificates will be awarded only at time of degree completion.

Prerequisite Courses

- FRE 2201 or equivalent

Degree Requirements

Required Courses

3 Total Credits

- Earn at least 3 credits from the following:
 - FRT4941 - Internship (1 - 99)

Restricted Electives

12 Total Credits

- Complete at least 4 of the following:
 - FRT3140 - French and Francophone Literary Masterworks in Translation (3)
 - FRT3451 - French Translation and Interpretation (3)
 - FRT3810 - French Multimedia Translation and Interpretation (3)
 - FRT3831 - French Legal Translation and Interpretation (3)
 - FRT3830 - Medical French Translation and Interpretation (3)
 - FRT4521 - Language and Culture through Francophone Cinema (3)
 - FRT4801 - French Business Translation and Interpretation (3)
 - FRT4822 - Field Research in Sociolinguistics (3)

Grand Total Credits: **15**

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 15

Other Requirements

- A grade of "C" (2.0) or better is required in all courses used to satisfy the certificate.
- At least 12 hours used in the certificate must be earned at UCF within the department.
- Independent Study or Co-op credit cannot be used toward the certificate.
- No credit by exam (TSD, military credit) may be used.

Gender Studies Certificate

College

College of Arts and Humanities

Department

Program in Women's and Gender Studies

Program Type

Certificate

Program Contact Information

College of Arts and Humanities
Women's and Gender Studies Program
Trevor Colbourn Hall (TCH) 348A
407-823-6502
wgst@ucf.edu

Program Director & Associate Professor: Dr. M.C. Santana
407-823-6502

Program Description

The certificate program in Gender Studies is designed to provide students with a foundation for discussions of gender, sexuality, and other intersectionalities through a historical and cultural lens, with an awareness of the fluidity of gendered identities and the diversity of gendered experiences.

Certificate Admission Requirements

- None

Certificate Requirements

- Students cannot earn the Gender Studies certificate and the Women's and Gender Studies minor.

Prerequisite Courses

- None

Degree Requirements

Required Courses

3 Total Credits

- Complete the following:
 - WST3603 - Introduction to Gender Studies (3)

Restricted Electives

9 Total Credits

- Complete all of the following
 - Students can select from the restricted electives listed for a total of 9 hours.
 - A list of approved restricted elective courses is found in the myKnight audit.
 - Internship required by a student's major degree program may count for credit toward the certificate, if placement is substantively related to women and/or women's issues.
 - Complete at least 3 of the following:
 - WST3621 - Theories of Masculinity (3)
 - WST3500 - Gender Issues and Community Activism (3)
 - WST4002 - Research in Women and Gender Studies (3)
 - HUM4823 - Queer Theory in the Humanities (3)
 - HUM3326 - Theories of Sex and Gender in Humanities (3)
 - ENC4374 - Gendered Rhetorics (3)
 - THE3272 - Shakespeare to RuPaul: Drag in Entertainment (3)
 - COM4014 - Gender Issues in Communication (3)
 - ANT3302 - Sex, Gender and Culture (3)
 - SYD3800 - Sex and Gender in Society (3)
 - WST 4941 - Internship Credit Hours: 3

Grand Total Credits: **12**

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 12

Other Requirements

- A GPA of 2.0 or better is required in all courses used to satisfy the certificate.
- Grades of "C" (2.0) or better is required in each course used to satisfy the Gender Studies Certificate.
- At least 9 hours used in the certificate must be earned at UCF.

History Accelerated Undergraduate-Graduate Program (B.A. / M.A.)

College

College of Arts and Humanities

Department

Department of History

Program Type

Accelerated UndergraduateGraduate Program

Program Contact Information

College of Arts and Humanities
Department of History
Trevor Colbourn Hall (TCH), 319
407-823-2225

Undergraduate Program: history@ucf.edu
Graduate Program: hisgrad@ucf.edu

Director of Graduate Programs, Associate Professor: Dr. Amy Foster
407-823-2224

Program Description

This program allows highly qualified undergraduate majors in history to begin taking graduate-level courses which will count towards their master's degree while completing their baccalaureate degree program. Participation will enable completion of a B.A. and M.A. in a shorter period of time for students enrolled in full-time course work.

Admission Requirements

- Students apply for admission to the accelerated program toward the end of their junior year or after 12 hours of upper-level history course work.
- One official transcript (in a sealed envelope) from each college/university attended.
- A 3.5 GPA or higher in history courses
- Official competitive Graduate Record Exam (GRE) score taken within the last five years.
- An essay indicating reasons for wishing to complete the combined bachelor's/master's program.
- Three letters of recommendation from History faculty.
- Students will be formally admitted to the master's program following receipt of the B.A. degree.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students must earn at least a "B" (3.0) in each history course for it to be counted toward the major.
- Co-op credit cannot be used in this major.
- Students should consult with the departmental graduate director.
- Departmental residency requirement consists of at least 18 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF History Department. Students may substitute up to nine hours of 5000- or 6000- level courses to meet this requirement.
- Students must compile a portfolio of 8-12 examples of graded, written work from UCF History classes.
- The B.A. will be awarded after completion of 36 hours of history classes.
- The M.A. will be awarded upon completion of the program.
- Courses designated in General Education Program and Common Program Prerequisites are usually completed in the first 60 hours (see history major requirements).

General Education (GEP)

36 Total Credits

- Complete all of the following
 - See the History (B.A.) in this catalog for track specific GEP requirements
 - Communication Foundations
 - Complete all of the following
 - Select one course from GEP 1
 - Complete the following:
 - ENC1101 - Composition I (3)
 - Select one course from GEP 2
 - Complete the following:
 - ENC1102 - Composition II (3)
 - Select one course from GEP 3
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Historical & Cultural Foundations
 - Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)

- WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
- Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Select one course from GEP 4 or GEP 5
- Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)

Mathematical Foundations

- Earn at least 6 credits from the following course sets:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)

- STA3032 - Probability and Statistics for Engineers (3)
- CGS1060C - Introduction to Computers (3)
- Social Foundations
- Complete at least 2 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
- Science Foundations
- Earn at least 6 credits from the following course sets:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information. Courses satisfied in General Education (GEP).
 - Complete the following:
 - AMH2010 - U.S. History: 1492-1877 (3)
 - AMH2020 - U.S. History: 1877-Present (3)
 - See Transfer Notes for possible substitutes

Grand Total Credits: **6**

Degree Requirements

Core Requirements: Basic Level
6 Total Credits

- Complete all of the following
 - Complete at least 2 of the following:
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Upper level AFH, ASH, EUH, LAH and/or WOH courses can be substituted for these requirements.

Core Requirements: Advanced Level
3 Total Credits

- Complete the following:
 - HIS4150 - History and Historians (3)

Restricted Electives
42 Total Credits

- Complete all of the following
 - Complete all of the following
 - Earn at least 21 credits from the following types of courses:
Must be taken within the History Department.
 - A list of approved restricted elective courses is found in the myKnight audit.
Approved history courses within three of the four geographic regions
 - Earn at least 18 credits from the following types of courses:
History courses within geographic regions: Asian, African, and Middle Eastern, British and European, Latin American, or U.S. and Canadian
Approved history courses
 - Complete all of the following
 - Earn at least 3 credits from the following types of courses:
Approved history courses
 - Students may substitute nine hours of 5000- or 6000-level course work for 3000- or 4000-level courses

Grand Total Credits: **51**

Program Details

Capstone Requirements

- HIS 4959 - History Portfolio **Credit Hours: 0**

Electives

- Select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the department.

Foreign Language Requirements

Admissions

- Met by graduation requirement.

Graduation

- Proficiency equivalent to one year of college instruction in a foreign language taught by the Department of Modern Languages and Literatures or the Department of History (Hebrew). Standardized examinations for foreign language may be used to meet the requirement. Majors who are participating in the accelerated program should complete two years of a foreign language, preferably one functional in their area of historical interest. Students may take the department's M.A. foreign language proficiency exam immediately following the completion of their foreign language course work.

Additional Requirements

Graduate Degree Requirements

- The graduate requirements listed in the Graduate Catalog take precedence over those listed below.
- Students admitted to the accelerated program may take a 5000-level course the first semester of their senior year.
- After successfully completing one 5000-level course, students will be eligible to take HIS 6159 (Historiography) and another 5000-level course or the 6000-level seminar following the 5000-level colloquium they have already completed.
- Students may substitute these nine hours of graduate level work for 9 hours of 3000- or 4000-level undergraduate courses.
- Students need to pay fees at the graduate rate for the graduate courses they take.

Schedule for students enrolled full-time in the accelerated program:

- Students complete nine hours of graduate-level courses their senior year.
- Students enroll in at least three hours of graduate-level course work the summer after they receive their B.A.
- Students enroll in nine hours of graduate-level courses in both spring and fall semesters during their M.A. year.
- Students complete the Capstone course, pass their preliminary exams, and fulfill their foreign language requirement by the end of their first M.A. year.
- Students complete and defend a master's thesis in six hours.

Signature Experience

- Signature Experience requirement is met by successful completion of the following course(s):
- HIS 4150 - History and Historians **Credit Hours: 3**

Required Minors

- None

Departmental Exit Requirements

- Maintain a minimum GPA of 3.5 in upper division required courses attempted.
- Submit a portfolio (HIS 4959) during the semester of graduation. The portfolio will include representative samples of the student's written work including, but not limited to, book critiques, in-class essay exams, and term papers.
- Students must complete at least 18 of the required 36 history hours at UCF.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Total Combined Credit Hours Required: 147

Additional Information

Honors In Major

- Students interested in completing Honors in the Major should contact their program advisor. More information about Honors in the Major can be found at <http://research.honors.ucf.edu/honors-in-the-Major>.

Related Programs

- None

Certificates

- None

Related Minors

- Africana Studies Minor
- American Studies Minor
- Asian Studies Minor
- Florida Studies Minor
- Humanities and Cultural Studies Minor
- Judaic Studies Minor
- Latin American Studies Minor
- Middle Eastern Studies Minor
- Women's and Gender Studies Minor

Advising Notes

- None

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses

- None

Shared Courses

- None

Graduate Courses Link

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

History (B.A.)

College

College of Arts and Humanities

Department

Department of History

Program Type

Major

Program Contact Information

College of Arts and Humanities
Department of History
Trevor Colbourn Hall (TCH), 319
407-823-2225
history@ucf.edu

***Associate Professor:* Dr. Yovanna Pineda**
407-823-3655
Yovanna.Pineda@ucf.edu

Is this program available 100% online?

Yes

UCF Online

Online History, BA

Program Description

History (B.A.) may be completed fully online , although not all elective options or program prerequisites may be offered online. Newly admitted students choosing to complete this program exclusively via UCF online classes may enroll with a reduction in campus-based fees.

Admission Requirements

- None

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students must earn at least a "C" (2.0) in each history course for it to be counted toward the major.
- Co-op credit cannot be used in this major.
- Students should consult with a departmental advisor.
- Departmental Residency Requirement consists of at least 18 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF History Department.
- Students must compile a portfolio of 8-12 examples of graded, written work from UCF History classes.
- Students must complete 36 hours in history.
- Courses designated in General Education Program and Common Program Prerequisites are usually completed in the first 60 hours.

General Education (GEP)

Communication Foundations

9 Total Credits

- Complete all of the following
 - Select one course from GEP 1
 - Complete the following:
 - ENC1101 - Composition I (3)
 - Select one course from GEP 2
 - Complete the following:
 - ENC1102 - Composition II (3)
 - Select one course from GEP 3
 - Complete at least 1 of the following:
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

Cultural & Historical Foundations

9 Total Credits

- Complete all of the following
 - Required:
 - Complete the following:
 - AMH2010 - U.S. History: 1492-1877 (3)
 - Select one course from GEP 5:
 - Earn at least 3 credits from the following course sets:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)

- MUL2016 - Evolution of Jazz (3)
- MUL2720 - Music of the World (3)
- PHI2010 - Introduction to Philosophy (3)
- REL2300 - World Religions (3)
- THE2000 - Theatre Survey (3)
- MUL2010 - Enjoyment of Music (3)
- Select one course from GEP 4 or GEP 5
- Earn at least 3 credits from the following course sets:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)

Mathematical Foundations

6 Total Credits

No Rules

Math

3 Total Credits

- Complete all of the following
 - Suggested:
 - Complete at least 1 of the following:
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - Or
 - You may substitute a higher level math with appropriate scores on the Math Placement Exam.

Statistics - Computers

3 Total Credits

- Earn at least 3 credits from the following course sets:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Required:
 - Complete the following:
 - AMH2020 - U.S. History: 1877-Present (3)
 - Earn at least 3 credits from the following course sets:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)

Science Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36**

Common Program Prerequisites (CPP) (If applicable)

0 Total Credits

- Complete all of the following
 - See "Common Prerequisites " in the Transfer and Transitions Services section for more information. Courses satisfied in General Education (GEP).
 - AMH 2010 - U.S. History: 1492-1877 Credit Hours: 3 (GEP)
 - AMH 2020 - U.S. History: 1877-Present Credit Hours: 3 (GEP)

Grand Total Credits: **0**

Degree Requirements

Core Requirements: Basic Level

6 Total Credits

- Complete all of the following
 - Complete two courses from EUH 2000, EUH 2001, WOH 2012 and/or WOH 2022. Upper level AFH, ASH, EUH, LAH and WOH courses can be substituted for these requirements.
 - Earn at least 6 credits from the following:
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)

Core Requirements: Advanced Level

3 Total Credits

- Complete the following:
 - HIS4150 - History and Historians (3)

Restricted Electives

21 Total Credits

- Complete all of the following
 - Earn at least 3 credits from the following types of courses:
approved history courses
 - Must be taken within the History Department
 - A list of approved restricted elective courses is found in the myKnight audit
Select six hours of approved history courses within three of the four geographic regions
 - Complete 3 of the following
 - Earn at least 6 credits from the following types of courses:
Asian, African, and Middle Eastern
 - Earn at least 6 credits from the following types of courses:
British and European
 - Earn at least 6 credits from the following types of courses:
Latin American
 - Earn at least 6 credits from the following types of courses:
U.S. and Canadian

Capstone Requirements

0 Total Credits

- Complete the following:
 - HIS4959 - History Portfolio

Grand Total Credits: **30**

Program Details

Electives

Select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the

department.

Foreign Language Requirements

Admissions:

- Met by graduation requirement

Graduation

- Proficiency equivalent to one year of college instruction in a foreign language taught by the Department of Modern
- Languages and Literatures or the Department of History (Hebrew). Standardized examinations for foreign languages may be used to meet the requirement. Majors who are contemplating graduate school should complete two years of a foreign language, preferably one functional in their area of historical interest.

Additional Requirements

- Signature Experience requirement is met by successful completion of the following course(s):
- HIS 4150 - History and Historians Credit Hours: 3

Required Minors

- None

Departmental Exit Requirements

- Maintain a minimum GPA of 2.0 in upper division required courses attempted.
- Submit a portfolio (HIS 4959) during the semester of graduation. The portfolio will include 8-12 examples of graded, written work from UCF History classes.
- Students must complete at least 18 of the required 36 History credit hours at UCF.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 48 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information Honors In Major

- Students interested in completing Honors in the Major should contact their program advisor. More information about
- Honors in the Major can be found at <http://research.honors.ucf.edu/honors-in-the-Major>.

Related Programs

Humanities and Cultural Studies (B.A.)

Certificates

- None

Related Minors

Africana Studies Minor

American Studies Minor

Asian Studies Minor

Florida Studies Minor

Humanities and Cultural Studies Minor

Judaic Studies Minor

Latin American Studies Minor

Middle Eastern Studies Minor

Pre-Law in the Humanities Minor

Women's and Gender Studies Minor

Advising Notes

- None

Transfer Notes

- Grades below "C" (2.0) are not accepted.
- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses

- AMH 2010 - U.S. History: 1492-1877 Credit Hours: 3 may be substituted with
 - AMH 2010 is a prerequisite for subsequent American History courses.
- AMH 2020 - U.S. History: 1877-Present Credit Hours: 3 may be substituted with:
 - AMH 2020 is a prerequisite for subsequent American History courses.

Program Academic Learning Compacts

Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alac/academic_learning_compacts.htm

Plan of Study

One of numerous possible plans of study. See program description for all requirements.

Freshman Year - Fall (15 Credit Hours)

- AMH 2010 - U.S. History: 1492-1877 Credit Hours: 3
- ENC 1101 - Composition I Credit Hours: 3
- GEP Credit Hours: 3
- GEP Credit Hours: 3
- GEP Credit Hours: 3

Freshman Year - Spring (15 Credit Hours)

- AMH 2020 - U.S. History: 1877-Present Credit Hours: 3
- ENC 1102 - Composition II Credit Hours: 3
- GEP Credit Hours: 3
- GEP Credit Hours: 3
- GEP Credit Hours: 3

Sophomore Year - Fall (16 Credit Hours)

- Foreign Language Elementary I Credit Hours: 4
- GEP Credit Hours: 3
- WOH 2012 or EUH 2000 Credit Hours: 3
- Elective Credit Hours: 3
- Elective Credit Hours: 3

Sophomore Year - Spring (16 Credit Hours)

- Foreign Language Elementary II Credit Hours: 4
- WOH 2022 or EUH 2001 Credit Hours: 3
- History Region Restricted Elective Credit Hours: 3
- Elective Credit Hours: 3
- Elective Credit Hours: 3

Junior Year - Fall (15 Credit Hours)

- HIS 4150 - History and Historians Credit Hours: 3
- History Region Restricted Elective Credit Hours: 3
- Upper Level Elective Credit Hours: 3
- Upper Level Elective Credit Hours: 3
- Elective Credit Hours: 3

Junior Year - Spring (15 Credit Hours)

- History Region Restricted Elective Credit Hours: 3
- History Region Restricted Elective Credit Hours: 3
- Upper Level Elective Credit Hours: 3
- Upper Level Elective Credit Hours: 3
- Upper Level Elective Credit Hours: 3

Senior Year - Fall (15 Credit Hours)

- History Region Restricted Elective Credit Hours: 3
- History Region Restricted Elective Credit Hours: 3
- Upper Level Elective Credit Hours: 3
- Upper Level Elective Credit Hours: 3
- Elective Credit Hours: 3

Senior Year - Spring (13 Credit Hours)

- HIS 4959 - History Portfolio Credit Hours: 0
- History Restricted Elective Credit Hours: 3
- Upper Level Elective Credit Hours: 3
- Elective Credit Hours: 3
- Elective Credit Hours: 4

History Minor

College

College of Arts and Humanities

Department

Department of History

Program Type

Minor

Program Contact Information

**College of Arts and Humanities
History Department
Trevor Colbourn Hall (TCH), 319
407-823-2225
history@ucf.edu**

Associate Professor: Dr. Yovanna Pineda
407-823-3655
Yovanna.Pineda@ucf.edu

Program Description

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Restricted Electives
18 Total Credits

- Complete all of the following
 - Earn at least 18 credits from the following types of courses:
AFH, AMH, ASH, EUH, HIS, LAH and/or WOH courses offered by the History department. A minimum of 12 hours must be taken at the upper level.
 - A list of approved restricted elective courses is found in the myKnight audit.

Foreign Language Requirements
0 Total Credits

- None

Grand Total Credits: **18**

Program Details

Other Requirements

- A grade of "C" (2.0) or better is required in all courses used to satisfy the minor.
- At least 12 hours used in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used without academic advisor's approval.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor without departmental approval.

Humanities and Cultural Studies (B.A.)

College

College of Arts and Humanities

Department

Department of Philosophy

Program Type

Major

Program Contact Information

College of Arts and Humanities
Philosophy Department
Psychology Building (PSY) 220
407-823-2273
philosophy@ucf.edu

Program Director, Humanities and Cultural Studies B.A. & Associate Professor: Dr. Lanlan Kuang

lanlan.kuang@ucf.edu

Program Description

The Bachelor of Arts degree in Humanities and Cultural Studies enables students to receive solid foundations in the interdisciplinary study of cultures and meanings. Students study how human cultures have produced meaning in the past and continue to do so, reflect critically on these productions, and learn relevant perspectives and meaningful interpretations that contribute to responsible engagement with the many cultural expressions we encounter today. Students conduct pertinent research in the Humanities--including the study of languages, literature, history, jurisprudence, philosophy, comparative religion, ethics, and the arts while developing their own skills of critical evaluation and constructive engagement. Upon graduation, students are open to entering the job market, pursuing advanced education, or studying/teaching abroad with solid skill sets in an increasingly culturally diverse and politically complex world.

Admission Requirements

- None

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Co-op or internship credit cannot be used in this major without prior approval by the chair.
- Students must earn at least a "C" (2.0) in each required course.
- Students should consult with a departmental advisor.
- Departmental Residency Requirement consists of at least 18 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF Philosophy Department.
- Courses designated in General Education Program and Common Program Prerequisites are usually completed in the first 60 hours.

General Education (GEP)

Communication Foundations

9 Total Credits

- Earn at least 9 credits from the following course sets:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

Cultural & Historical Foundations

9 Total Credits

- Complete all of the following
 - Complete the following:
 - HUM2020 - Encountering the Humanities (3)
 - Complete at least 1 of the following:
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)

- Complete at least 1 of the following:
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)

Mathematical Foundations

6 Total Credits

No Rules

Math

3 Total Credits

- Complete all of the following
 - Suggested:
 - Complete at least 1 of the following:
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - You may substitute a higher level math with appropriate scores on the Math Placement Exam.

Statistics - Computers

3 Total Credits

- Complete at least 1 courses from the following:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Suggested:
 - Complete the following:
 - AMH2020 - U.S. History: 1877-Present (3)
 - Earn at least 3 credits from the following course sets:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)

- PSC1121 - Physical Science (3)
- GEP 12- Science Foundation
- ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36**

Degree Requirements

Core Requirements: Basic Level

9 Total Credits

- Complete all of the following
 - Complete the following:
 - HUM2020 - Encountering the Humanities (3)
 - Complete at least 1 of the following:
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - Complete at least 1 of the following:
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - GEP Courses: HUM 2020, PHI 2010, REL 2300, HUM 2210 and HUM 2230

Core Requirements: Advanced Level

30 Total Credits

No Rules

Core Requirements

3 Total Credits

- Complete the following:
 - HUM3800 - Research Methods in Humanities (3)

Theories and Methods

9 Total Credits

- Complete at least 3 of the following:
 - HUM3805 - Critical Theory in the Humanities (3)
 - HUM3806 - Critical Race Theory (3)
 - HUM3830 - Introduction to Digital Humanities (3)
 - HUM4330 - Performance Theory (3)
 - HUM4823 - Queer Theory in the Humanities (3)
 - HUM4826 - Postcolonial Theory (3)
 - HUM3326 - Theories of Sex and Gender in Humanities (3)

Cultural Traditions

9 Total Credits

- Complete at least 3 of the following:
 - HUM3320 - Contemporary Multicultural Studies (3)
 - HUM3401 - Asian Humanities (3)
 - HUM3402 - East Asian Folklore and Popular Culture (3)
 - HUM3423 - African Humanities (3)
 - HUM3460 - Latin American Humanities (3)
 - HUM3467 - Latinx Cultural Expressions (3)
 - HUM4459 - American Cultural Studies in Humanities (3)

Topics in Cultural Studies
9 Total Credits

- Complete all of the following
 - Section A
 - Complete the following:
 - HUM4931 - Key Figures in the Humanities & Cultural Studies (3)
 - Section B
 - Complete at least 2 of the following:
 - HUM4381 - Race and Technology (3)
 - HUM4934 - Key Concepts in Humanities & Cultural Studies (3)
 - HUM3307 - Memory and Testimony (3)
 - HUM4394 - Place and Space (3)

Restricted Electives
3 Total Credits

- Complete all of the following
 - Earn at least 3 credits from the following types of courses:
Any upper division HUM course not being used to satisfy any of the above categories can be used here or a related course with approval of Humanities and Cultural Studies adviser.
 - A list of approved restricted elective courses is found in the myKnight audit

Capstone Requirements
3 Total Credits

- Complete the following:
 - HUM4933 - Senior Research Seminar (3)

Grand Total Credits: **45**

Program Details

Electives

- Select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the department.

Foreign Language Requirements

Admissions

- Met by graduation requirement

Graduation

- Proficiency equivalent to one year of college instruction in a foreign language taught by the Department of Modern Languages and Literatures or the Department of History (Hebrew). Standardized examinations for foreign languages may be used to meet the requirement. Majors who are contemplating graduate school should complete two years of a foreign language, preferably one functional in their area of proposed graduate interest.

Additional Requirements

- Signature Experience requirement is met by successful completion of the following course(s):

- HUM 4933 - Senior Research Seminar **Credit Hours: 3**

Required Minors

- None

Departmental Exit Requirements

- Departmental Exit Exam in final semester. Exam may be part of HUM 4933 - Senior Research Seminar
- Earn a "C" (2.0) or better in each required course.
- To avoid delaying graduation, you must request a review of requirements prior to registering for your last term.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Honors In Major

- Students considering graduate school in humanities are strongly encouraged to take Honors in the Major. Requirements are as follows:

Core Requirements, Humanities and Cultural Studies, and Capstone (36 Credit Hours)

- Same requirements as for regular majors

Honors Thesis (6 Credit Hours)

- HUM 4903H - Honors Directed Reading I **Credit Hours: 3**
- HUM 4970H - Undergraduate Honors Thesis **Credit Hours: 3**

Additional Requirements of Honors in the Major

- Application and admission through the Humanities Honors Coordinator
- Fulfill University requirements for Honors in the Major
- Maintain a UCF GPA of at least 3.2 and a Humanities GPA of at least 3.5
- Successful completion and oral defense of Honors thesis
- No more than 2 courses of 3000 or 4000 level courses applied to the B.A. in Humanities and Cultural Studies may be simultaneously applied to fulfill another major.

Earn a "B" (3.0) or better in both of the following:

- HUM 4903H - Honors Directed Reading I **Credit Hours: 3**
- HUM 4970H - Undergraduate Honors Thesis **Credit Hours: 3**

Additional Information

Related Programs

- Philosophy (B.A.)
- Religion and Cultural Studies (B.A.)

Certificates

- None

Related Minors

- Digital Humanities Minor
- Philosophy Minor
- Religion and Cultural Studies Minor
- Cognitive Sciences Minor

Advising Notes

- None

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Plan of Study

Freshman Year - Fall (16 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- HUM 2020 - Encountering the Humanities **Credit Hours: 3** or
- HUM 2210 or HUM 2230 **Credit Hours: 3**
- PHI 2010 or REL 2300 **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Elementary Foreign Language I **Credit Hours: 4**

Freshman Year - Spring (16 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- HUM 2020 - Encountering the Humanities **Credit Hours: 3** or
- HUM 2210 or HUM 2230 **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Elementary Foreign Language II **Credit Hours: 4**

Sophomore Year - Fall (15 Credit Hours)

- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- GEP **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- HUM 3800 - Research Methods in Humanities **Credit Hours: 3**
- Cultural Traditions Elective **Credit Hours: 3**
- Cultural Traditions Elective **Credit Hours: 3**
- Theories & Methods Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- Cultural Traditions Elective **Credit Hours: 3**
- Theories & Methods Elective **Credit Hours: 3**
- Theories & Methods Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- HUM 4931 - Key Figures in the Humanities & Cultural Studies **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- Topics in Cultural Studies **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- HUM 4933 - Senior Research Seminar **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- Elective **Credit Hours: 4**
- Topics in Cultural Studies **Credit Hours: 3**

Humanities and Cultural Studies Minor

College

College of Arts and Humanities

Department

Department of Philosophy

Program Type

Minor

Program Contact Information

College of Arts and Humanities
Philosophy Department
Psychology Building (PSY) 220
 407-823-2273
philosophy@ucf.edu

Program Director, Humanities and Cultural Studies B.A. & Associate Professor: Dr. Lanlan Kuang

lanlan.kuang@ucf.edu

Program Description

The Humanities and Cultural Studies minor is a rigorous study of the artistic and intellectual practices and products of human culture in the contemporary world and in the past, across world cultures.

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Required Courses

18 Total Credits

- Complete all of the following
 - Complete the following:
 - HUM2020 - Encountering the Humanities (3)
 - Humanities Foundations
 - Complete at least 2 of the following:
 - HUM3252 - Contemporary Humanities (3)
 - HUM3255 - Modern Humanities (3)
 - HUM3431 - Ancient Humanities (3)
 - HUM3435 - Medieval Humanities (3)
 - Theories and Methods
 - Complete at least 1 of the following:
 - HUM3326 - Theories of Sex and Gender in Humanities (3)
 - HUM3800 - Research Methods in Humanities (3)
 - HUM3805 - Critical Theory in the Humanities (3)
 - HUM3806 - Critical Race Theory (3)
 - HUM3830 - Introduction to Digital Humanities (3)
 - HUM4330 - Performance Theory (3)
 - HUM4823 - Queer Theory in the Humanities (3)
 - HUM4826 - Postcolonial Theory (3)
 - Cultural Traditions
 - Complete at least 1 of the following:
 - HUM3401 - Asian Humanities (3)
 - HUM3423 - African Humanities (3)
 - HUM3460 - Latin American Humanities (3)
 - HUM4459 - American Cultural Studies in Humanities (3)
 - Topics in Cultural Studies
 - Complete at least 1 of the following:
 - HUM4931 - Key Figures in the Humanities & Cultural Studies (3)
 - HUM4934 - Key Concepts in Humanities & Cultural Studies (3)

Foreign Language Requirements

0 Total Credits

- None

Grand Total Credits: **18**

Program Details

Other Requirements

- A "C" (2.0) grade or better is required in all courses used to satisfy the minor.
- At least 15 hours used in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor.

Interfaith Dialogue Certificate

College

College of Arts and Humanities

Department

Department of Philosophy

Program Type

Certificate

Program Contact Information

College of Arts and Humanities
Philosophy Department
Psychology Building (PSY) 220
407-823-2273
philosophy@ucf.edu

Program Director, Islamic Studies Associate Professor: Dr. Cyrus Zargar
cyrus.zargar@ucf.edu

Program Director of Religion & Cultural Studies: Dr. Christy Flanagan-Feddon
flanagan-feddon@ucf.edu

Program Description

Admission Requirements

- None

Certificate Requirements

- For degree-seeking students, certificates will be awarded only at time of degree completion.

Prerequisite Courses

- None

Degree Requirements

Required Courses

3 Total Credits

- Complete the following:
 - REL3045 - Interfaith Dialogue (3)

Elective Courses

9 Total Credits

- Complete all of the following
 - Students choose one course in each of the following areas:
Abrahamic Traditions
 - Complete at least 1 of the following:
 - JST3550 - Introduction to Modern Judaism (3)
 - REL3320 - Moses, Jesus and Muhammad (3)
 - REL3363 - Islam (3)
 - REL3403 - Christianity (3)
 - Asian and Indigenous Traditions
 - Complete at least 1 of the following:
 - ANT3245 - Native American Religions (3)
 - REL3123 - Asian Religions in America (3)
 - REL3333 - Hinduism (3)
 - REL3340 - Buddhism (3)
 - Select an upper level REL course not already used above
 - Earn at least 3 credits from the following types of courses:
Upper Level REL course not already used above. Additional but related courses may be substituted if appropriate. Students should contact the certificate advisor to determine suitability.

Grand Total Credits: **12**

Program Details

Foreign Language Requirements

- None.

Total Semester Hours Required

12

Other Requirements

- A grade of "C" (2.0) or better is required in all courses used to satisfy the certificate.
- At least 9 hours used in the certificate must be earned at UCF within the department.
- Independent Study or Co-op credit cannot be used toward the certificate.
- No credit by exam (TSD, military credit) may be used.

Italian Minor

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

Program Type

Minor

Program Contact Information

College of Arts and Humanities
Department of Modern Languages and Literatures
Trevor Colbourn Hall (TCH) 358A
407-823-2472
ModernLanguages@ucf.edu

Associate Department Chair, Associate Professor: Dr. Chiara Mazzucchelli
chiara.mazzucchelli@ucf.edu

Program Description

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Required Courses

6 Total Credits

- Complete all of the following
 - Complete the following:
 - ITA3420 - Italian Composition (3)
 - ITA3760 - Advanced Italian Oral Communication (3)
 - ITA 3760- A native or near-native speaker must substitute an alternate upper division course for the advanced oral communication course.

Restricted Electives

12 Total Credits

- Complete all of the following
 - Earn at least 12 credits from the following types of courses:
Select four upper division Italian language courses offered in the Department of Modern Languages.
 - Approval of a departmental advisor is required prior to registration.
 - A list of approved restricted elective courses is found in the myKnight audit.

Foreign Language Requirements

0 Total Credits

- None

Grand Total Credits: **18**

Program Details

Other Requirements

- A grade of "C" (2.0) or better is required in all courses used to satisfy the minor.
- At least 12 hours used in the minor must be earned at UCF within the department.
- A maximum of 6 hours of study abroad credit may be applied to the minor at the program director's discretion.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor without departmental permission.

Judaic Studies Certificate

College

College of Arts and Humanities

Department

Department of History

Program Type

Certificate

Program Contact Information

**College of Arts and Humanities
History Department
Judaic Studies Program
Trevor Colbourn Hall (TCH), 319
407-823-5129
judaicst@ucf.edu**

Program Coordinator, Associate Professor: Dr. Kenneth Hanson
407-823-5039
kenneth.hanson@ucf.edu

Program Description

The Interdisciplinary Program in Judaic Studies offers both a minor and a certificate. The Program cooperates with the departments of Anthropology, English, Modern Languages, History, Philosophy, Political Science, and Sociology, and the Interdisciplinary Studies, Women's Studies, Religious Studies, and Middle Eastern Studies programs. The certificate in Judaic Studies will be awarded to students completing 15 hours in the following Judaic Studies courses. For minor requirements, refer to the section on Judaic Studies Minor.

Certificate Admission Requirements

- None

Certificate Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Required Courses

15 Total Credits

- Complete all of the following
 - Other courses, including special topics, with the approval of the Director
 - Earn at least 15 credits from the following types of courses:
 - Required Courses Below
 - Language
 - Complete all of the following
 - HBR 1120 - Modern Israeli Hebrew I Credit Hours: 3
 - HBR 1121 - Modern Israeli Hebrew II Credit Hours: 3
 - HBR 2200 - Intermediate Modern Israeli Hebrew I Credit Hours: 3
 - HBR 2201 - Intermediate Modern Israeli Hebrew II Credit Hours: 3
 - HBR 3250 - Biblical Hebrew Credit Hours: 3
 - HBR 3410 - Conversational Israeli Hebrew Credit Hours: 3
 - Jewish History
 - Complete all of the following
 - JST 3401 - Jewish People in Antiquity Credit Hours: 3
 - JST 3402 - The Jewish People in the Common Era Credit Hours: 3
 - JST 3481 - 20th Century Jewish History and Thought Credit Hours: 3
 - JST 3701 - History of the Holocaust Credit Hours: 3
 - JST 3415 - American Jewish History Credit Hours: 3
 - Bible
 - Complete all of the following
 - JST 3120 - Hebrew Scriptures Credit Hours: 3
 - JST 3125 - The Book of Job Credit Hours: 3
 - JST 3126 - Romantic Love in the Bible Credit Hours: 3
 - JST 3144 - Dead Sea Scrolls Credit Hours: 3
 - JST 3190 - Social Justice & the Prophets Credit Hours: 3
 - JST 3424 - Biblical Archaeology Credit Hours: 3
 - Literature
 - Complete all of the following
 - JST 3100 - The Hebrew Bible as Literature Credit Hours: 3
 - JST 3751 - Literature of the Holocaust Credit Hours: 3
 - JST 3803 - The Israeli Experience in Short Stories Credit Hours: 3
 - Jewish Civilization
 - Complete all of the following
 - JST 3005 - Tenets of Judaism Credit Hours: 3
 - JST 3121 - Classic Texts of Judaism Credit Hours: 3
 - JST 3210 - Kabbalah: Jewish Mysticism Credit Hours: 3
 - JST 3620 - Contemporary Jewish Ethics and Morality Credit Hours: 3
 - Culture
 - Complete all of the following
 - JST 3450 - Modern Jewish Experience Credit Hours: 3
 - JST 3820 - Modern Israeli Culture Credit Hours: 3
 - JST 3551 - The Holy and the Profane: The Introduction of Secularism into Modern Judaism Credit Hours: 3
 - JST 3550 - Introduction to Modern Judaism Credit Hours: 3
 - JST 3821 - Israel: Start-Up Nation Credit Hours: 3

Grand Total Credits: **15**

Program Details

Restricted Electives

- None

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 15

Other Requirements

- A grade of "C" (2.0) or better is required in all courses used to satisfy the certificate.
- At least 12 hours used in the certificate must be earned at UCF.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the certificate.
- Hebrew qualifies for Foreign Language requirement.

Judaic Studies Minor

College

College of Arts and Humanities

Department

Department of History

Program Type

Minor

Program Contact Information

College of Arts and Humanities
History Department
Judaic Studies Program
Trevor Colbourn Hall (TCH), 319
407-823-5129
judaicst@ucf.edu

Program Coordinator, Associate Professor: Dr. Kenneth Hanson
407-823-5039
kenneth.hanson@ucf.edu

Program Description

The Interdisciplinary Program in Judaic Studies offers both a minor and a certificate. The Program cooperates with the departments of Anthropology, English, Modern Languages, History, Philosophy, Political Science, and Sociology, and the Interdisciplinary Studies, Women's Studies, Religious Studies, and Middle Eastern Studies programs. Interested students are encouraged to meet with the program director.

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Program Details

Required Courses

- None

Restricted Electives (18 Credit Hours)

Choose 6 Restricted Electives courses.

A list of approved restricted elective courses is found in the myKnight audit.
Other courses, including special topics, with the approval of the Director

Jewish History

- JST 3401 - Jewish People in Antiquity Credit Hours: 3
- JST 3415 - American Jewish History Credit Hours: 3
- JST 3481 - 20th Century Jewish History and Thought Credit Hours: 3
- JST 3701 - History of the Holocaust Credit Hours: 3
- JST 3417 - Sephardi Jews: History, Culture, and Folklore Credit Hours: 3

Bible

- JST 3120 - Hebrew Scriptures Credit Hours: 3
- JST 3125 - The Book of Job Credit Hours: 3
- JST 3126 - Romantic Love in the Bible Credit Hours: 3
- JST 3144 - Dead Sea Scrolls Credit Hours: 3
- JST 3190 - Social Justice & the Prophets Credit Hours: 3
- JST 3424 - Biblical Archaeology Credit Hours: 3

Literature

- JST 3100 - The Hebrew Bible as Literature Credit Hours: 3
- JST 3751 - Literature of the Holocaust Credit Hours: 3
- JST 3803 - The Israeli Experience in Short Stories Credit Hours: 3

Jewish Civilization

- JST 3005 - Tenets of Judaism Credit Hours: 3
- JST 3121 - Classic Texts of Judaism Credit Hours: 3
- JST 3210 - Kabbalah: Jewish Mysticism Credit Hours: 3
- JST 3620 - Contemporary Jewish Ethics and Morality Credit Hours: 3

Culture

- JST 3450 - Modern Jewish Experience Credit Hours: 3

- JST 3820 - Modern Israeli Culture Credit Hours: 3
- JST 3551 - The Holy and the Profane: The Introduction of Secularism into Modern Judaism Credit Hours: 3
- JST 3550 - Introduction to Modern Judaism Credit Hours: 3
- JST 3821 - Israel: Start-Up Nation Credit Hours: 3

Language

- HBR 1120 - Modern Israeli Hebrew I Credit Hours: 3
- HBR 1121 - Modern Israeli Hebrew II Credit Hours: 3
- HBR 2200 - Intermediate Modern Israeli Hebrew I Credit Hours: 3
- HBR 2201 - Intermediate Modern Israeli Hebrew II Credit Hours: 3
- HBR 3250 - Biblical Hebrew Credit Hours: 3
- HBR 3410 - Conversational Israeli Hebrew Credit Hours: 3

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

Additional Information

Other Requirements

- A grade of "C" (2.0) or better is required in all courses used to satisfy the minor.
- At least 12 hours used in the minor must be earned at UCF.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor.

Latin American Studies (B.A.)

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

Program Type

Major

Program Contact Information

College of Arts and Humanities
Department of Modern Languages and Literatures
Latin American Studies Program
Trevor Colbourn Hall (TCH) 358A
 407-823-2472
 ModernLanguages@ucf.edu

Is this program available 100% online?

Yes

UCF Online

Online Latin American Studies, BA

Program Description

Latin American Studies (B.A.) may be completed fully online, although not all elective options or program prerequisites may be offered online. Newly admitted students choosing to complete this program exclusively via UCF online classes may enroll with a reduction in campus-based fees.

Admission Requirements

- None

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Co-op or internship credit cannot be used in this major without previous approval by the program director.
- Students must earn at least a "C"(2.0) in each required course.
- Students should consult with the program director or advisor.
- Program Residency Requirement consists of at least 18 semester hours of regularly scheduled 3000-4000 level courses taken at UCF.
- Courses designated in General Ed Program and Common Program Prerequisites are usually completed in the first 60 hours.

General Education (GEP)

Communication Foundations

9 Total Credits

- Complete all of the following
 - Required:
 - Complete the following:
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Preferred:
 - Complete the following:
 - COM1000 - Introduction to Communication (3)

Cultural and Historical Foundations

9 Total Credits

- Complete all of the following
 - Suggested:
 - Complete the following:
 - HUM2020 - Encountering the Humanities (3)
 - ARH2050 - History of Western Art I (3)
 - Earn at least 3 credits from the following course sets:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)

Mathematical Foundations

6 Total Credits

- Complete all of the following
 - Preferred:
 - Complete the following:
 - MGF1107 - Explorations in Mathematics (3)
 - Earn at least 3 credits from the following course sets:
 - GEP 8- Mathematical Foundations

- CGS2100C - Computer Fundamentals for Business (3)
- COP2500C - Concepts in Computer Science (3)
- COP3502C - Computer Science I (3)
- COT3100C - Introduction to Discrete Structures (3)
- STA2014 - Principles of Statistics (3)
- STA2023 - Statistical Methods I (3)
- STA3032 - Probability and Statistics for Engineers (3)
- CGS1060C - Introduction to Computers (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Preferred:
 - Complete the following:
 - ANT2000 - General Anthropology (3)
 - AMH2020 - U.S. History: 1877-Present (3)

Science Foundations

6 Total Credits

- Complete all of the following
 - Preferred:
 - Complete the following:
 - ANT2511 - The Human Species (3)
 - Earn at least 3 credits from the following course sets:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)

Grand Total Credits: **36**

Degree Requirements

Core Requirements: Basic Level

3 Total Credits

- Complete the following:
 - LAS3002 - Topics in Latin American Studies (3)

Core Requirements: Advanced Level

9 Total Credits

- Complete the following:
 - LAH3200 - Modern Latin America (3)
 - LAS3101 - Latin American Popular Culture (3)
 - LAS4023 - African Caribbean Experience (3)

Grand Total Credits: **12**

Program Details

Restricted Electives (24 Credit Hours)

- Select no more than nine (9) credit hours of courses within the same department.
- Note that this is not an exhaustive list of course options. Other courses with a focus on either Latin America or the

- Caribbean can be accepted with prior written authorization from the Program Director.
- A list of approved restricted elective courses is found in the myKnight audit.

Anthropology

- ANT 3160 - Americas Before Columbus Credit Hours: 3
- ANT 3161 - Ancient Mexico: Aztec to Zapotec Credit Hours: 3
- ANT 3163 - Mesoamerican Archaeology Credit Hours: 3
- ANT 3164 - Ancient Incas Credit Hours: 3
- ANT 3165 - Archaeology of South America Credit Hours: 3
- ANT 3168 - Maya Archaeology Credit Hours: 3
- ANT 3330 - Anthropology of the Amazon Credit Hours: 3
- ANT 4340 - Caribbean Cultures Credit Hours: 3
- ANT 3177 - Archaeology of Caribbean Piracy Credit Hours: 3
- ANT 4332 - People and Cultures of Latin America Credit Hours: 3

History

- LAH 3130 - Latin American History I Credit Hours: 3
- LAH 3400 - History of Mexico and Central America Credit Hours: 3
- LAH 3470 - History of the Caribbean Credit Hours: 3
- LAH 4136 - Colonial Florida Credit Hours: 3
- LAH 4512 - Modern Argentina Credit Hours: 3
- LAH 4461 - History of Puerto Rico Credit Hours: 3
- LAH 4480 - History of Cuba Credit Hours: 3
- LAH 4780 - Poverty and Development in Latin America Credit Hours: 3

Art History

- ARH 2051 - History of Western Art II Credit Hours: 3
- ARH 3670 - 20th Century Latin American Art Credit Hours: 3
- ARH 3674 - Latin American Popular Visual Culture Credit Hours: 3
- ARH 4653 - Meso American Art Credit Hours: 3

English

- AML 3615 - Harlem, Haiti, and Havana Credit Hours: 3
- AML 3682 - Ethnic Literature in America Credit Hours: 3
- AML 4630 - Latino/Latina Literature Credit Hours: 3
- LIT 3192 - Caribbean Literature Credit Hours: 3
- LIT 3381 - Women Writers of Color Credit Hours: 3
- LIT 3823 - Hispanic Women Writers Credit Hours: 3
- LIT 3368 - Magical Realism in Literature Credit Hours: 3

Humanities

- HUM 3460 - Latin American Humanities Credit Hours: 3

Latin American Geography and Culture

- GEA 4405 - Geography of Latin America Credit Hours: 3
- GEA 3403 - Human Geography of Latin America Credit Hours: 3
- GEA 3404 - Migration Trends in Latin America Credit Hours: 3
- GEA 3455 - Geography of Brazil Credit Hours: 3
- LAS 3320 - Brazilian Culture Credit Hours: 3

Politics

- CPO 3034 - Politics of Developing Areas Credit Hours: 3
- CPO 3103 - Comparative Politics Credit Hours: 3
- CPO 4074 - Political Economy Credit Hours: 3
- CPO 4794 - Indigenous Politics and the Environment Credit Hours: 3
- CPO 4303 - Comparative Latin American Politics Credit Hours: 3
- INR 4074 - Immigration Policy Credit Hours: 3
- INR 4076 - Global Drug Policy Credit Hours: 3
- INR 4243 - International Politics of Latin America Credit Hours: 3

- POS 4074 - Latino Politics Credit Hours: 3
- PUP 3314 - Minorities in American Politics Credit Hours: 3

Modern Languages and Literatures

- Students can choose from the extensive listing of 3000-4000 of upper level Spanish, French, and/or Portuguese (SPN, SPW, SPT, FRE, and/or POR, POW prefixes) courses offered by the Modern Languages Department. The student should give preference to those courses related to Latin American culture and civilization.

Communication

- MMC 4303 - Hispanics in Media in the US Credit Hours: 3
- JOU 3951 - Knightly Latino Credit Hours: 3

Capstone Requirements (3 Credit Hours)

Select 1 (3 Credit Hours)

- LAS 4910 - LAS Capstone Credit Hours: 3
- LAS 4949 - Cooperative Education Credit Hours: 3
- LAS 4955 - Study Abroad Credit Hours: 3

Electives

- Variable
- Select primarily from upper level courses after meeting with the program advisor. Courses may be outside the
-

Foreign Language Requirements

Admissions

- Foreign Language Requirement: (0 -11 hrs)
- LAS majors will have a proficiency equivalent to three semesters of college instruction in a single foreign language
- taught by the Department of Modern Languages and Literatures. Spanish or Portuguese preferred, although other Latin
- American languages may be acceptable with prior written consent of the LAS program director. Standardized
- examinations for foreign languages may be used to meet the requirement.

Graduation

- None

Additional Requirements

- Signature Experience requirement is met by successful completion of the following course(s):
- LAS 4910 - LAS Capstone Credit Hours: 3 or
- LAS 4949 - Cooperative Education Credit Hours: 3 or
- LAS 4955 - Study Abroad Credit Hours: 3

Required Minors

- LAS majors cannot minor in Latin American Studies. A second major can satisfy the minor requirement with prior consent of program director or advisor. The LAS minor will continue to be available to non-LAS majors.
- Students will select a minor in consultation with the LAS program director or advisor. No more than six (6) hours can overlap between the major and the minor.

Departmental Exit Requirements

- None

University Minimum Exit Requirements

- A 2.0 UCF GPA

- 48 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- Students interested in completing Honors in the Major should contact their program advisor. More information about
- Honors in the Major can be found at <http://research.honors.ucf.edu/honors-in-the-Major>.

Related Programs

- Anthropology (B.A.)
- Political Science (B.A.)
- Art, History Track (B.A.)
- Interdisciplinary Studies (B.A./B.S.)
- Advertising/Public Relations (B.A.)
- History (B.A.)
- Human Communication (B.A.)
- Humanities and Cultural Studies (B.A.)
- Interdisciplinary Studies (B.A./B.S.)
- International and Global Studies (B.A.)
- Journalism (B.A.)
- Radio - Television (B.A.)
- Religion and Cultural Studies (B.A.)
- Spanish (B.A.)

Certificates

- None

Related Minors

- International and Global Studies Minor
- International Business Minor
- Journalism Studies Minor
- Mass Media Minor
- Sociology Minor

Advising Notes

- None

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must
- provide all supporting information.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at:
- http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Plan of Study

Freshman Year - Fall (16 Credit Hours)

- ENC 1101 - Composition I Credit Hours: 3
- GEP Credit Hours: 3
- GEP Credit Hours: 3
- Foreign Language Elementary I (SPN, POR, or FRE) Credit Hours: 4
- Elective Credit Hours: 3

Freshman Year - Spring (16 Credit Hours)

- ENC 1102 - Composition II Credit Hours: 3
- GEP Credit Hours: 3
- GEP Credit Hours: 3
- Foreign Language Elementary II (SPN, POR, or FRE) Credit Hours: 4
- Elective Credit Hours: 3

Sophomore Year - Fall (15 Credit Hours)

- GEP Credit Hours: 3
- GEP Credit Hours: 3
- GEP Credit Hours: 3
- Foreign Language Intermediate I (SPN, POR, or FRE) Credit Hours: 3
- Elective Credit Hours: 3

Sophomore Year - Spring (12 Credit Hours)

- LAS 3002 - Topics in Latin American Studies Credit Hours: 3
- GEP Credit Hours: 3
- GEP Credit Hours: 3
- GEP Credit Hours: 3

Sophomore Year - Summer (3 Credit Hours)

- Upper Level Elective, suggest LAS 3955: Study Abroad Credit Hours: 3

Junior Year - Fall (15 Credit Hours)

- LAS 4023 - African Caribbean Experience Credit Hours: 3
- Upper Level Major Elective Credit Hours: 3
- Upper Level Major Elective Credit Hours: 3
- Upper Level Major Elective Credit Hours: 3
- Required Minor Course Credit Hours: 3

Junior Year - Spring (15 Credit Hours)

- LAH 3200 - Modern Latin America Credit Hours: 3
- LAS 3101 - Latin American Popular Culture Credit Hours: 3
- Upper Level Major Elective Credit Hours: 3
- Upper Level Major Elective Credit Hours: 3
- Required Minor Course Credit Hours: 3

Senior Year - Fall (12 Credit Hours)

- Upper Level Major Elective Credit Hours: 3
- Upper Level Major Elective Credit Hours: 3
- Required Minor Course Credit Hours: 3
- Required Minor Course Credit Hours: 3

Senior Year - Spring (16 Credit Hours)

- LAS 4910 - LAS Capstone Credit Hours: 3
- Upper Level Major Elective Credit Hours: 3
- Required Minor Course Credit Hours: 3
- Required Minor Course Credit Hours: 3
- Elective Credit Hours: 4

Latin American Studies Minor

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

Program Type

Minor

Program Contact Information

College of Arts and Humanities
Department of Modern Languages and Literatures
Latin American Studies Program
Trevor Colbourn Hall (TCH) 358A
407-823-2472
ModernLanguages@ucf.edu

Program Description

The minor provides students with an interdisciplinary knowledge of and the necessary tools to understand Latin America, its people and its culture. Students completing the minor shall be prepared to apply their knowledge about Latin America in a variety of careers including, but not limited to education, government, journalism, foreign service, social and community service, international trade, and public relations.

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Required Courses

9 Total Credits

- Complete the following:
 - LAS3002 - Topics in Latin American Studies (3)
 - LAS3101 - Latin American Popular Culture (3)
 - LAS4023 - African Caribbean Experience (3)

Grand Total Credits: **9**

Program Details

Restricted Electives (9 Credit Hours)

- Select a total of nine (9) hours. Additional courses not listed below may substitute with prior approval from the Program Director.
- Students may not use more than six (6) credit hours of course work within same department.
- No more than six (6) credit hours of overlap between the major program and LAS minor.
- A list of approved restricted elective courses is found in the myKnight audit.

Anthropology

-
- ANT 3164 - Ancient Incas **Credit Hours: 3**
 - ANT 3168 - Maya Archaeology **Credit Hours: 3**
 - ANT 4332 - People and Cultures of Latin America **Credit Hours: 3**
 - ANT 4340 - Caribbean Cultures **Credit Hours: 3**
 - ANT 3160 - Americas Before Columbus **Credit Hours: 3**
 - ANT 3161 - Ancient Mexico: Aztec to Zapotec **Credit Hours: 3**
 - ANT 3163 - Mesoamerican Archaeology **Credit Hours: 3**
 - ANT 3165 - Archaeology of South America **Credit Hours: 3**
 - ANT 3330 - Anthropology of the Amazon **Credit Hours: 3**
 - ANT 3177 - Archaeology of Caribbean Piracy **Credit Hours: 3**

Art

- ARH 4653 - Meso American Art **Credit Hours: 3**
- ARH 3670 - 20th Century Latin American Art **Credit Hours: 3**
- ARH 3674 - Latin American Popular Culture **Credit Hours: 3**

Modern Languages and Literatures

- SPN 2200 - Intermediate Spanish Language and Civilization I **Credit Hours: 3**
- FRW 3770 - Francophone Literature **Credit Hours: 3**
- SPW 3130 - Survey of Latin-American Literature I **Credit Hours: 3**
- SPW 3131 - Survey of Latin-American Literature II **Credit Hours: 3**
- FRW 3752 - French Caribbean Literature **Credit Hours: 3**
- SPW 4382 - Central American Literature **Credit Hours: 3**
- SPN 4852 - Bilinguismo **Credit Hours: 3**
- SPW 4730 - Hispanic Literature of the United States **Credit Hours: 3**
- SPN 4780 - Spanish Phonetics **Credit Hours: 3**
- POR 2200 - Intermediate Portuguese I **Credit Hours: 3**
- POR 3140 - Accelerated Portuguese for Speakers of Romance Languages **Credit Hours: 3**
- POR 3450 - Luso-Afro-Brazilian Triangle **Credit Hours: 3**

History

- LAH 3130 - Latin American History I **Credit Hours: 3**
- LAH 3200 - Modern Latin America **Credit Hours: 3**
- LAH 3470 - History of the Caribbean **Credit Hours: 3**
- AMH 3586 - History of Latinos in the U.S. **Credit Hours: 3**
- LAH 4136 - Colonial Florida **Credit Hours: 3**
- LAH 4512 - Modern Argentina **Credit Hours: 3**
- LAH 4461 - History of Puerto Rico **Credit Hours: 3**
- LAH 4480 - History of Cuba **Credit Hours: 3**
- LAH 4780 - Poverty and Development in Latin America **Credit Hours: 3**

Latin American Studies

- GEA 3455 - Geography of Brazil **Credit Hours: 3**
- GEA 4405 - Geography of Latin America **Credit Hours: 3**
- LAS 3320 - Brazilian Culture **Credit Hours: 3**
- LAS 3949 - Cooperative Education **Credit Hours: 3**

- LAS 4955 - Study Abroad **Credit Hours: 3**

Political Science

- CPO 4303 - Comparative Latin American Politics **Credit Hours: 3**
- CPO 3034 - Politics of Developing Areas **Credit Hours: 3**
- CPO 3103 - Comparative Politics **Credit Hours: 3**
- CPO 4074 - Political Economy **Credit Hours: 3**
- CPO 4794 - Indigenous Politics and the Environment **Credit Hours: 3**
- INR 4076 - Global Drug Policy **Credit Hours: 3**
- INR 4074 - Immigration Policy **Credit Hours: 3**
- INR 4243 - International Politics of Latin America **Credit Hours: 3**
- POS 4074 - Latino Politics **Credit Hours: 3**
- PUP 3314 - Minorities in American Politics **Credit Hours: 3**

English

- AML 3615 - Harlem, Haiti, and Havana **Credit Hours: 3**
- AML 4630 - Latino/Latina Literature **Credit Hours: 3**
- AML 3682 - Ethnic Literature in America **Credit Hours: 3**
- LIT 3192 - Caribbean Literature **Credit Hours: 3**
- LIT 3381 - Women Writers of Color **Credit Hours: 3**
- LIT 3823 - Hispanic Women Writers **Credit Hours: 3**
- LIT 3368 - Magical Realism in Literature **Credit Hours: 3**

Humanities

- HUM 3460 - Latin American Humanities **Credit Hours: 3**

Communication

- MMC 4303 - Hispanics in Media in the US **Credit Hours: 3**
- JOU 3951 - Knightly Latino **Credit Hours: 3**

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

Other Requirements

- A grade of "C" (2.0) or better is required in all courses used to satisfy the minor.
- At least 12 hours used in the minor must be earned at UCF.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor without prior permission from the Program Director.

Medieval and Renaissance Studies Minor

College

College of Arts and Humanities

Department

Department of English

Program Type

Minor

Program Contact Information

College of Arts and Humanities
English Department
Medieval and Renaissance Studies
Trevor Colbourn Hall (TCH) 250A
 407-823-5596
 english@ucf.edu

Professor: Dr. Tison Pugh
 Tison.Pugh@ucf.edu

Program Description

An interdisciplinary minor that offers students a background of the history, literature, languages, art, music, and philosophy of the Middle Ages and Renaissance.

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- Students are responsible for meeting any prerequisites for the courses in the minor, although they may individually petition instructors for permission to override these prerequisite requirements.

Program Details

Required Courses (6 Credit Hours)

Select two courses from the following:

- ENL 4311 - Chaucer **Credit Hours:3** 1
 - ENL 4333 - Shakespeare Studies **Credit Hours:3** 1
 - ENL 4341 - Milton and His Age **Credit Hours:3** 1
 - EUH 3122 - Medieval Society and Civilization **Credit Hours:3**
 - HUM 3435 - Medieval Humanities **Credit Hours:3**
- 1 Only one of these three courses will count towards required courses

Restricted Electives (12 Credit Hours)

-
- A list of approved restricted elective courses is found in the myKnight audit.
 - Select no more than two courses from a single disciplinary group:

Department of Art

- ARH 4200 - Medieval Art **Credit Hours: 3**
- ARH 4310 - Italian Renaissance Art **Credit Hours: 3**
- ARH 4316 - Great Masters: daVinci, Michelangelo, and Raphael **Credit Hours: 3**

English Department

- ENL 3220 - English Renaissance Poetry and Prose **Credit Hours: 3**
- ENL 3222 - Renaissance Women in Literature **Credit Hours: 3**
- ENL 4311 - Chaucer **Credit Hours: 3**
- ENL 4333 - Shakespeare Studies **Credit Hours: 3**
- ENL 4341 - Milton and His Age **Credit Hours: 3**
- LIN 4105 - History of the English Language **Credit Hours: 3**
- LIT 3132 - Legend & Literature of King Arthur **Credit Hours: 3**
- LIT 4374 - The Literature of the Hebrew and Christian Bibles **Credit Hours: 3**

Department of History

- AMH 4110 - Colonial America, 1607-1763 **Credit Hours: 3**
- AMH 4112 - The Atlantic World **Credit Hours: 3**
- EUH 3122 - Medieval Society and Civilization **Credit Hours: 3**
- EUH 3124 - The Crusades **Credit Hours: 3**
- EUH 3130 - Medieval Knights & Age of Chivalry **Credit Hours: 3**
- EUH 3142 - Renaissance and Reformation **Credit Hours: 3**
- EUH 3180 - Sorcerers, Saints and Heretics: Religion in the Medieval World **Credit Hours: 3**
- EUH 3310 - History of Medieval Spain 400-1100 **Credit Hours: 3**
- EUH 3313 - History of Medieval Spain 1100-1500 **Credit Hours: 3**
- EUH 3531 - Medieval Ireland **Credit Hours: 3**
- EUH 4500 - English History to 1485 **Credit Hours: 3**
- EUH 4501 - English History: 1485-1815 **Credit Hours: 3**
- EUH 4504 - English Legal History I **Credit Hours: 3**
- EUH 4610 - Women in European Society: From Medieval to Modern **Credit Hours: 3**

Department of Modern Languages

- FRT 4421 - French Medieval Literature and Culture **Credit Hours: 3**
- FRW 3100 - Survey of French Literature I **Credit Hours: 3**
- ITT 3443 - Dante's Inferno **Credit Hours: 3**
- ITW 3100 - Survey of Italian Literature I **Credit Hours: 3**
- SPW 3100 - Survey of Spanish Literature I **Credit Hours: 3**
- SPW 4310 - Early Modern Spanish Theatre **Credit Hours: 3**
- SPW 4400 - Spanish Medieval Literature **Credit Hours: 3**
- SPW 4604 - Cervantes **Credit Hours: 3**

Department of Music

- MUH 4322 - Medieval and Renaissance Music **Credit Hours: 3**

Department of Philosophy

- HUM 3435 - Medieval Humanities **Credit Hours: 3**
- PHH 3200 - Medieval Philosophy **Credit Hours: 3**

Judaic Studies

- JST 3210 - Kabbalah: Jewish Mysticism **Credit Hours: 3**

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

Other Requirements

- Earn a grade of "C" (2.0) or better in all courses used to satisfy the minor.
- At least 12 hours used in the minor must be earned at UCF within the College of Arts and Humanities.
- No more than 6 hours can overlap with courses used to satisfy the English major.
- Course substitutions may be accepted upon approval of the advisor.

Middle Eastern Studies Minor

College

College of Arts and Humanities

Department

Department of History

Program Type

Minor

Program Contact Information

College of Arts and Humanities
History Department
Middle Eastern Studies Program
Trevor Colbourn Hall (TCH), 319
407-823-2225
history@ucf.edu

Program Director: Dr. Hakan Ozoglu
407-823-0512

Program Description

The Middle Eastern Studies minor is designed to complement a student's major area of study. The minor requires a core of Middle Eastern Studies courses as well as a selection of directed electives.

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Required Courses

9 Total Credits

- Complete the following:
 - CPO3403 - Politics of the Middle East (3)
 - REL3363 - Islam (3)
 - ASH3223 - The Modern Middle East (3)

Restricted Electives

9 Total Credits

- Complete all of the following
 - Additional courses may be used only with prior permission of the program director.
 - Although not required, students are strongly encouraged to complete at least one year of Arabic (ARA 1120C, ARA 1121C) and/or Hebrew (HBR 1120, HBR 1121).
 - A list of approved restricted elective courses is found in the myKnight audit.
 - Earn at least 9 credits from the following:
 - ARA2200 - Intermediate Arabic Language and Civilization I (3)
 - ASH3222 - Islam and Its Empires (3)
 - CPO4710 - Women in Comparative Politics (3)
 - HBR2200 - Intermediate Modern Israeli Hebrew I (3)
 - REL3320 - Moses, Jesus and Muhammad (3)
 - JST3401 - Jewish People in Antiquity (3)
 - JST3402 - Jewish People in the Common Era (3)
 - JST3820 - Modern Israeli Culture (3)
 - PHH3200 - Medieval Philosophy (3)
 - REL2300 - World Religions (3)

Foreign Language Requirements

0 Total Credits

- None

Grand Total Credits: **18**

Program Details

Other Requirements

- Students who are also minoring or completing a certificate in Judaic Studies may not have more than 3 credits that are counted in both programs.
- At least 15 hours used to satisfy this minor must be at the upper division level.
- A grade of "C" or above (2.0) is required in each course for the minor.
- At least 12 hours used in the minor must be earned at UCF.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor.

Music (B.A.)

College

College of Arts and Humanities

Department

Department of Music

Program Type

Major

Program Contact Information

College of Arts and Humanities
Department of Music
Performing Arts Center (PAC) M203
407-823-2869
ucfmusic@ucf.edu

Associate Instructor of Music - Percussion & Coordinator of Undergraduate Studies Kirk Gay
407-823-5968
kirk.gay@ucf.edu

Program Description

Admission Requirements

- Each student must complete an audition that demonstrates satisfactory performance proficiency.
- The audition will serve as a placement examination for accepted candidates.

Degree Requirements

- Prior to attending the first music class as a music major at UCF, all students must take a keyboard placement examination to determine the appropriate level of class piano. Go to <https://performingarts.cah.ucf.edu/study/#musicundergrad> to see the class piano requirements.
- Students who change degree programs and select this major must adopt the most current catalog.
- Departmental Residency Requirement; at least 25 hours must be taken from the UCF Music department.
- Each student must complete a faculty approved capstone project.
- Co-op or internship credit cannot be used in this major.
- Students should consult with a departmental advisor for course selections.
- Courses designated in General Education Program are usually spread over the full four years.
- Courses designated in Common Program Prerequisites are usually completed in the first 60 hours.
- A cumulative minimum GPA of 3.00 based upon all courses required in the major as well as all courses taken in music is required. Failure to maintain this standard may result in program probation or dismissal. Please refer to the SPA Student Handbook (<https://performingarts.cah.ucf.edu/academics/student-resources/>) for details on program standards.

General Education (GEP)

Communication Foundations

9 Total Credits

- Complete all of the following
 - Required:
 - Complete the following:
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Preferred:
 - Complete the following:
 - SPC1608 - Fundamentals of Oral Communication (3)

Cultural & Historical Foundations

9 Total Credits

- Complete all of the following
 - Required:
 - Complete the following:
 - MUH3212 - Music History and Literature II (3)
 - MUL2720 - Music of the World (3)
 - Complete at least 1 courses from the following:

GEP 4- Historical & Cultural Foundation

- AMH2010 - U.S. History: 1492-1877 (3)
- EUH2000 - Western Civilization I (3)
- EUH2001 - Western Civilization II (3)
- HUM2020 - Encountering the Humanities (3)
- HUM2210 - Studies in Culture: Ancient to 17th Century (3)
- HUM2230 - Studies in Culture: 17th Century to Present (3)
- WOH2012 - World Civilization I (3)
- WOH2022 - World Civilization II (3)

Mathematical Foundations

6 Total Credits

No Rules

Math

3 Total Credits

- Complete all of the following
 - Suggested:
 - Complete at least 1 of the following:
 - MGF1107 - Explorations in Mathematics (3)
 - MGF1106 - Finite Mathematics (3)
 - You may substitute a higher level math with appropriate scores on the Math Placement Exam

Statistics - Computers

3 Total Credits

- Complete at least 1 courses from the following:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)

Social Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)

- PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
- GEP 12- Science Foundation
- ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36**

Common Program Prerequisites (CPP) (If applicable)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.
28 Total Credits

- Complete all of the following
 - Complete the following:
 - MUT1121 - Music Theory and Musicianship I (4)
 - MUT1122 - Music Theory and Musicianship II (4)
 - MUT2126 - Music Theory and Musicianship III (4)
 - MUT2127 - Music Theory and Musicianship IV (4)
 - MVK1111 - Class Piano I (1)
 - MVK1112 - Class Piano II (1)
 - MVK2121 - Class Piano III (1)
 - MVK2122 - Class Piano IV (1)
 - Earn at least 4 credits from the following types of courses:
MUN XXXX - Ensembles
 - Earn at least 4 credits from the following types of courses:
MVX XXXX - Performance

Grand Total Credits: **28**

Degree Requirements

Core Requirements: Basic Level

6 Total Credits

- Complete all of the following
 - Complete the following:
 - MUS1010 - Music Forum
 - 4 semesters
 - Complete at least 2 of the following:
 - MUS2360C - Introduction to Music Technology (3)
 - MUH3633 - Music in the United States (3)
 - MUL2720 - Music of the World (3)
 - GEP Course: MUL 2720

Core Requirements: Advanced Level

3 Total Credits

- Complete all of the following
 - Complete at least 1 of the following:
 - MUH3211 - Music History and Literature I (3)
 - MUH3212 - Music History and Literature II (3)
 - GEP Course: MUH 3212

Restricted Electives

33 Total Credits

No Rules

Restricted Electives-Music

15 Total Credits

- Complete all of the following
 - Earn at least 12 credits from the following types of courses:
any MUX 3XXX or 4XXX (No more than 6 of these credits can be taken as MUN courses.)
 - Earn at least 3 credits from the following types of courses:
one MUT 3XXX or MUT 4XXX course

Restricted Electives-Non-Music

18 Total Credits

- Earn at least 18 credits from the following types of courses:
elect, with the approval of the Academic Advisor, primarily from upper-level courses that form a coherent progression within a single or two related departments. The completion of a minor is strongly encouraged.

Capstone Requirements

3 Total Credits

- Complete the following:
 - MUS4900 - Music BA Capstone Project (3)

Grand Total Credits: **45**

Program Details

Electives

- Select primarily from upper-level courses

Foreign Language Requirements

Admissions

- Two years of foreign language in high school or one year of foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- Proficiency equivalent to two semesters of college instruction in a foreign language taught by the Department of Modern Languages and Literatures or the Department of History (Hebrew). Standardized examinations for foreign languages may be used to meet the requirement.

Additional Requirements

- Signature Experience requirement is met by successful completion of the following course(s):
- MUS 4900 - Music BA Capstone Project **Credit Hours: 3**

Required Minors

- None

Departmental Exit Requirements

- Earn a grade of "C" (2.0) or better in each Music course

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- Students interested in completing Honors in the Major should contact their program advisor. More information about Honors in the Major can be found at <http://research.honors.ucf.edu/honors-in-the-Major>.

Related Programs

- Music Education (B.M.E.)
- Theatre Studies (B.A.)

- Theatre, Musical Theatre Track (B.F.A.)

Certificates

- None

Related Minors

- Music Minor
- Theatre Minor

Advising Notes

- None

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oemas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$45 per term
- Full-Time Student: \$90 per term

Plan of Study

- Example given shows a student majoring in B.A. in Music. See program description for all requirements. Consult the program advisor for alternate, new, or more appropriate selections.

Freshman Year - Fall (14 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- MUL 2720 - Music of the World **Credit Hours: 3**
- MUT 1121 - Music Theory and Musicianship I **Credit Hours: 4**
- MVK 1111 - Class Piano I **Credit Hours: 1**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUN 3XXX - Ensemble **Credit Hours: 1**
- MVX 121X - Performance **Credit Hours: 2**

Freshman Year - Spring (15 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- GEP **Credit Hours: 3**
- MUT 1122 - Music Theory and Musicianship II **Credit Hours: 4**
- MVK 1112 - Class Piano II **Credit Hours: 1**
- MUS 1010 - Music Forum **Credit Hours: 0**

- MUS 2360C - Introduction to Music Technology **Credit Hours: 3**
- MUN 3XXX - Ensemble **Credit Hours: 1**

Sophomore Year - Fall (15 Credit Hours)

- GEP **Credit Hours: 3**
- MUT 2126 - Music Theory and Musicianship III **Credit Hours: 4**
- MVK 2121 - Class Piano III **Credit Hours: 1**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUN 3XXX - Ensemble **Credit Hours: 1**
- MVX 121X Performance **Credit Hours: 2**
- Foreign Language Elementary I **Credit Hours: 4**

Sophomore Year - Spring (16 Credit Hours)

- GEP **Credit Hours: 3**
- MUT 2127 - Music Theory and Musicianship IV **Credit Hours: 4**
- MVK 2122 - Class Piano IV **Credit Hours: 1**
- MUH 3633 - Music in the United States **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUN 3XXX - Ensemble **Credit Hours: 1**
- Foreign Language Elementary II **Credit Hours: 4**

Junior Year - Fall (15 Credit Hours)

- MUH 3211 - Music History and Literature I **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Upper Level MUT Elective **Credit Hours: 3**
- Upper Level Music Elective **Credit Hours: 3**
- Upper Level Non-Music Elective **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- MUH 3212 - Music History and Literature II **Credit Hours: 3**
- Upper Level Elective **3 Credit Hours**
- Upper Level Music Elective **Credit Hours: 3**
- Upper Level Music Elective **Credit Hours: 3**
- Upper Level Non-Music Elective **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Upper Level Music Elective **Credit Hours: 3**
- Upper Level Non-Music Elective **Credit Hours: 3**
- Upper Level Non-Music Elective **Credit Hours: 3**

- MUS 4900 - Music BA Capstone Project **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Upper Level Non-Music Elective **Credit Hours: 3**
- Upper Level Non-Music Elective **Credit Hours: 3**

Music Education (B.M.E.)

College

College of Arts and Humanities

Department

Department of Music

Program Type

Major

Program Contact Information

College of Arts and Humanities
Department of Music
Performing Arts Center (PAC) M203
407-823-2869
musicaud@ucf.edu

Director of Men's and Women's Choir, Music Education Coordinator & Assistant Professor: Dr. Kelly Miller
407-823-4545
Kelly.Miller@ucf.edu

Program Description

This program has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit

<https://apq.ucf.edu/files/Licensure-Disclosure-CAH-Music-Ed-BME.pdf>

Admission Requirements Admission Requirements - Music Education

- Audition. To be accepted in to Music Education, a student must demonstrate advanced proficiency by performing compositions representing a variety of musical periods (baroque, classical, romantic, contemporary).
- Memorization is required for pianists and vocalists.
- Accompanists are provided for vocalists only.
- Each candidate must bring his/her own audition music.
- The department will only provide large instruments such as a tuba, string, bass, or timpani for these auditions.
- The audition will serve as a placement exam for accepted candidates.
- Refer to the UCF Music Department website for specific audition requirements.
- Prior to attending the first music class as a music major at UCF, all students will take a keyboard placement examination to determine the appropriate level of class piano.
- Interview. In addition to a performance audition, students must successfully complete an interview with Music Education faculty.

Admission Requirements - Professional Program

- Application into the Professional Program must be made at the conclusion of 45 hours of course work. Students must complete a formal application for the Professional Program. (Deadlines: February 15 for Fall semester admission and September 15 for Spring semester admission). Transfers may be admitted on an individual basis at the discretion of the Music Education faculty. To apply for the Music Education Professional Program, students must:
- Complete 45 hours of coursework including: 15 hours of General Education Program courses, EDF 2005, MUT 2126, first semester of Performance II.
- Have a minimum overall GPA of 2.5 and a grade of "C" (2.0) or better in each performance, education, and music education course.
- Have on file in the University admissions office passing scores on the General Knowledge Test of the Florida Teacher Competency Examination.
- Provide satisfactory documentation and reflection on 15 hours of field experiences (See Music Education Coordinator for more information).

To be accepted into the Music Education Professional Program students must:

- Demonstrate proficiency with aural skills (including the ability to match pitch with the voice) and communication skills (including the ability to write and speak effectively).
- Complete MVK 2122, MUT 2127, and two semesters of Performance II.

Notes:

- (1) Students may not enroll in Performance III or Professional Program courses unless all requirements for admission are satisfied.
- (2) Students who change degree programs and select this major must adopt the most current catalog.
- (3) Common program prerequisites are subject to revision based on changes Section 1004.04, Florida Statutes, Public Accountability and State Approval for Teacher Preparation Programs, and State Board of Education Rule 6A-5.5.066, Approval of Pre-service Teacher Preparation Programs.
- (4) This Music Education B.M.E. program has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit <https://apq.ucf.edu/files/Licensure-Disclosure-CAH-Music-Ed-BME-June2020.pdf>

Degree Requirements

- A cumulative minimum GPA of 3.00 based upon all courses required in the major as well as all courses taken in music is required. Failure to maintain this standard may result in program probation or dismissal. Please refer to the SPA Student Handbook (<http://performingarts.cah.ucf.edu/academics/student-resources>) for details on program standards.

General Education (GEP)

Communication Foundations

Communication Foundations

9 Total Credits

- Complete all of the following
 - Preferred:
 - Complete the following:
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Required:
 - Complete the following:
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)

Cultural & Historical Foundations

9 Total Credits

- Complete all of the following
 - Required:
 - Complete the following:
 - MUH3212 - Music History and Literature II (3)
 - MUL2720 - Music of the World (3)
 - Preferred:
 - Complete the following:
 - AMH2010 - U.S. History: 1492-1877 (3)

Mathematical Foundations

6 Total Credits

No Rules

Math:

3 Total Credits

- Complete all of the following
 - Suggested
 - Complete at least 1 of the following:
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - You may substitute a higher level math with appropriate scores on the Math Placement Exam.

Statistics - Computers:

3 Total Credits

- Complete at least 1 courses from the following:
GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Preferred:
 - Complete the following:
 - AMH2020 - U.S. History: 1877-Present (3)
 - PSY2012 - General Psychology (3)

Science Foundations

6 Total Credits

- Complete all of the following
 - Preferred:
 - Complete the following:
 - PSC1121 - Physical Science (3)
 - Earn at least 3 credits from the following course sets:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36**

Common Program Prerequisites (CPP) (If applicable)

38 Total Credits

- Complete all of the following
 - Complete the following:
 - MUE2040 - Introduction to Music Education (3)
 - MUE3693 - Technology in Music Education (3)
 - EDF2085 - Introduction to Diversity for Educators (3)
 - MUT1121 - Music Theory and Musicianship I (4)
 - MUT1122 - Music Theory and Musicianship II (4)
 - MUT2126 - Music Theory and Musicianship III (4)
 - MUT2127 - Music Theory and Musicianship IV (4)
 - MVK2122 - Class Piano IV (1)
 - MUS1010 - Music Forum
 - Earn at least 4 credits from the following types of courses:
 - MUN XXXX - Major Ensembles (4 semesters)
 - Earn at least 4 credits from the following types of courses:
 - MXV 141X - Performance I (2 semesters)
 - Earn at least 4 credits from the following types of courses:
 - MXV 242X - Performance II (2 semesters)

Grand Total Credits: **38**

Degree Requirements

Core Requirements: Basic Level

5 Total Credits

- Complete all of the following
 - 6 total hours of major ensemble (MUN XXXX) required; 4 hours are reflected in the CPP and 2 hours are reflected in the Core: Basic Level.
 - Earn at least 5 credits from the following:
 - MUS1010 - Music Forum
 - MUT1121 - Music Theory and Musicianship I (4)
 - MUT1122 - Music Theory and Musicianship II (4)
 - MUT2126 - Music Theory and Musicianship III (4)
 - MUT2127 - Music Theory and Musicianship IV (4)
 - MVK2122 - Class Piano IV (1)
 - MUH3633 - Music in the United States (3)
 - MUL2720 - Music of the World (3)
 - MUN XXXX - Major Ensembles (2 semesters) Credit Hours: 2
 - MVX 141X - Performance I (2 semesters) (CPP)
 - MVX 242X - Performance II (2 semesters) (CPP)
 - CPP Courses: MUT 1121, MUT 1122, MUT 2126, MUT 2127, MVK 2122, MVK 141X and MVX 242X
 - GEP Course: MUL 2720

Core Requirements: Advanced Level

29 Total Credits

- Complete all of the following
 - Earn at least 29 credits from the following:
 - MUG3104 - Basic Conducting (2)
 - MUH3211 - Music History and Literature I (3)
 - MUH3212 - Music History and Literature II (3)
 - MUE3942 - Music Internship I (3)
 - MUE3333 - Music Learning Theory and Assessment (3)
 - MUE4311 - Elementary School Music Methods (2)
 - MVX 343X - Performance III Credit Hours: 4 (2 Semesters)
 - MUS 1010 - Music Forum Credit Hours: 0 (2 semesters)

Education Core

12 Total Credits

- Complete the following:
 - EDG4410 - Teaching Strategies and Classroom Management (3)
 - TSL4080 - Theory and Practice of Teaching ESOL Students in Schools (3)
 - EDF4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools (3)
 - RED4043 - Content Reading in Kindergarten through Grade 12 (3)

Grand Total Credits: **46**

Program Details

Restricted Electives (26 Credit Hours)

- Music Education Specialty Area Courses and Professional Program Courses
- Complete one program

Program A - Instrumental

- MUE 2346 - Vocal Techniques **Credit Hours: 1**
- MUG 3302 - Instrumental Conducting and Materials **Credit Hours: VAR**

- MUE 4332 - Secondary Instrumental Methods I **Credit Hours: 3**
- MUE 4337 - Secondary Instrumental Methods II **Credit Hours: 3**
- MUE 4943 - Music Internship II **Credit Hours: 12**

Select Five: (5 Credit Hours)

- MUE 2450 - Woodwind Techniques I **Credit Hours: 1**
- MUE 3451 - Woodwind Techniques II **Credit Hours: 1**
- MUE 2460 - Brass Techniques **Credit Hours: 1**
- MUE 3461 - Brass Techniques II **Credit Hours: 1**
- MUE 2470 - Percussion Techniques **Credit Hours: 1**
- MUE 2440 - String Techniques **Credit Hours: 1**

Program B - Choral

- MUS 1250 - IPA for Singers **Credit Hours: 1**
- MUG 3202 - Choral Conducting and Materials **Credit Hours: VAR**
- MVV 4640 - Voice Pedagogy **Credit Hours: 2**
- MUE 4331 - Secondary Choral Methods I **Credit Hours: 3**
- MUE 4335 - Secondary Choral Methods II **Credit Hours: 3**
- MUE 4943 - Music Internship II **Credit Hours: 12**

Select Three: (3 Credit Hours)

- MUE 2450 - Woodwind Techniques I **Credit Hours: 1**
- MUE 3451 - Woodwind Techniques II **Credit Hours: 1**
- MUE 2460 - Brass Techniques **Credit Hours: 1**
- MUE 3461 - Brass Techniques II **Credit Hours: 1**
- MUE 2470 - Percussion Techniques **Credit Hours: 1**
- MUE 2440 - String Techniques **Credit Hours: 1**

Program C - Elementary School

- MUE 2346 - Vocal Techniques **Credit Hours: 1**
- MUE 4393 - Music and Students with Special Needs **Credit Hours: 2**
- MUE 3353 - General Music Literature and Techniques **Credit Hours: 2**
- MUE 4331 - Secondary Choral Methods I **Credit Hours: 3**
- MUE 4943 - Music Internship II **Credit Hours: 12**
- MUG 3X02 - Choral or Instrumental Conducting and Materials **Credit Hours: 2**

Select Four: (4 Credit Hours)

- MUE 2450 - Woodwind Techniques I **Credit Hours: 1**
- MUE 3451 - Woodwind Techniques II **Credit Hours: 1**
- MUE 2460 - Brass Techniques **Credit Hours: 1**
- MUE 3461 - Brass Techniques II **Credit Hours: 1**
- MUE 2470 - Percussion Techniques **Credit Hours: 1**
- MUE 2440 - String Techniques **Credit Hours: 1**

Capstone Requirements

- None

Electives

- None

Foreign Language Requirements

Admissions

- Two years of foreign language in high school or one year of foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

Admission to Internship I will be granted to students who meet the following requirements:

- Have on file passing scores on all 4 parts of the Florida Teacher Certification General Knowledge Test (no alternatives or waivers will be accepted).
- Possess minimum overall GPA of 2.5
- Possess minimum specialization GPA of 2.5
- Achieve a "C" or better in all prerequisite methods/ specialization courses
- Complete a formal application for Internship I online (Deadlines: February 15 for fall semester and September 15 for spring semester).
- Current enrollment in or completion of Performance III (first semester).
- Completion of Music Education prerequisites and Education Core Requirements.
- Completion of 30 semester hours of General Education and Common Program courses.
- Completion of all Specialty Area courses except Secondary Methods II (MUE 433X) and Music Internship II (MUE 4943).
- Possess minimum professional preparation GPA of 2.5.
- Internship I: Students are assigned to a school with certified Supervising Teachers under the direction of a University Coordinator. During the semester, students spend two full days per week (Tuesday and Thursday) in assigned schools with half the time in an Elementary setting and half in a Secondary school setting. Students are expected to provide their own transportation to assigned locations.

Admission to Internship II will be granted to students who meet the following requirements:

- Completion of all admission requirements for Internship I (see above).
- Completion of Performance III and any associated recital (students may not perform a recital during Internship II).
- Completion of all music methods and techniques courses.
- Completion of all General Education and Common Program courses.
- Internship II: Students are assigned to a school with certified Supervising Teachers under the direction of a University Coordinator five days a week for the entire semester, normally during the student's last semester. Students are permitted to enroll in other classes only with the consent of the departmental advisor. Students are expected to provide their own transportation to assigned locations.

Special Non-Course Requirements

- Note: Contact the Music Education Advisor for details.
- Students should register to take the General Knowledge Test of the Florida Teaching Certification Examination (FTCE) before the third semester of enrollment at UCF. (See <http://www.fl.nesinc.com/> for test information).
- Electronic Portfolio (MUE 4791). Students will develop an electronic portfolio while enrolled in upper division education courses and Internship II (MUE 4943). The portfolio requires demonstration of professional growth, reflection, and proficiency in the 12 Florida Educator Accomplished Practices. Consult with the Music Education Advisor for specific information regarding portfolio construction.

Ensemble Participation

- Selected from University Chorus, Women's Chorus, Symphony Orchestra, Concert Band, and Wind Ensemble. Four hours of Jazz Lab or one hour of Marching Band may be used to fulfill Major Ensemble requirements.
- Students whose primary instrument is a wind instrument must audition for Wind Ensemble whenever it is offered.
- Ensemble assignment is by the Ensemble directors in consultation with the applied faculty.
- Transfer students must take Major Ensemble during each of their remaining semesters, except when enrolled in Internship II.
- Native UCF students must take each Major Ensemble credit in separate semesters.
- Students enrolled in a Performance course must concurrently enroll in an appropriate major ensemble if accepted.

Recitals

- Students must complete a faculty-approved public recital fulfilled by MUS 3953. Recitals are normally performed while concurrently enrolled in the second semester of Performance III.

Music Education Forums

- Attendance at all Music Education Forums (except during Internship I and II) is expected

Public School Partnerships

- Students are expected to be in K-12 schools each semester. Prior to internship experiences, students are expected to observe, assist, and teach in variety of grade levels and settings (e.g., urban, suburban, general, choral, instrumental). Students are expected to maintain a record of and reflections on all field experiences as this will be required for the Music Education Proficiency Examination.

Signature Experience

- Signature Experience requirement is met by successful completion of the following course(s):
- MUE 3942 - Music Internship I **Credit Hours: 3**

Required Minors

- None

Departmental Exit Requirements

- Have on file passing scores for the General Knowledge, Professional Education, and Subject Area subtests of the Florida Teacher Certification Examination. (See for specific test information)
- A minimum GPA of 2.5 is required in all courses within the major.
- A grade of "C" (2.0) or better in each performance and music education course.
- Departmental Residency Requirement: at least 25 hours must be taken from the UCF Music Department. In addition, music education students must complete their last two semesters of required performance, recital, and Internship II while attending UCF.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 134

Additional Information

Honors In Major

- Students interested in completing Honors in the Major should contact their program advisor. More information about Honors in the Major can be found at <http://research.honors.ucf.edu/honors-in-the-Major>.

Related Programs

- Music (B.A.)
- Theatre Studies (B.A.)

Certificates

- Florida Teaching Certification: Music K-12

Related Minors

- Music Minor
- Theatre Minor

Advising Notes

- Consult with the music education advisor for course selection

Transfer Notes

- Students transferring to UCF must pass an audition and interview in order to be accepted into the music education program (See Admissions Requirements above).
- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.
- NOTE: Education majors are required to take six hours (in addition to EDF 2085) that have an international or diversity focus. While native UCF students complete this requirement as part of the GEP, transfer students must take appropriate courses that have been so designated by their previous institution.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$45 per term
- Full-Time Student: \$90 per term

Plan of Study

- Take General Knowledge Test after spring semester of Freshman Year.
- Apply for Professional Program after spring semester of Sophomore year.
- Take PET and Music Examination of FTCE after fall semester of Senior year.
- As indicated in the Plan of Study, all 3 remaining GEP classes will be taken during the summer semester of the Senior year.

Program A - Instrumental Program K-12

Freshman Year - Fall (17 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- MUT 1121 - Music Theory and Musicianship I **Credit Hours: 4**
- MUE 2040 - Introduction to Music Education **Credit Hours: 3**
- MUE 2346 - Vocal Techniques **Credit Hours: 1**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MVX 141X - Performance I **Credit Hours: 2**
- MUN XXXX - Ensemble **Credit Hours: 1**
- GEP **Credit Hours: 3**
- CMENC/Schools

Freshman Year - Spring (17 Credit Hours)

- MUL 2720 - Music of the World **Credit Hours: 3**
- MUT 1122 - Music Theory and Musicianship II **Credit Hours: 4**
- EDF 2085 - Introduction to Diversity for Educators **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- GEP **Credit Hours: 3**
- MVX 141X - Performance I **Credit Hours: 2**
- MUN XXXX - Ensemble **Credit Hours: 1**
- MUE XXXX Techniques **Credit Hours: 1**
- CMENC/Schools

Sophomore Year - Fall (17 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- MUT 2126 - Music Theory and Musicianship III **Credit Hours: 4**
- MUH 3633 - Music in the United States **Credit Hours: 3**
- MUE 4311 - Elementary School Music Methods **Credit Hours: 2**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUE XXXX - Techniques **Credit Hours: 1**
- MUE XXXX - Techniques **Credit Hours: 1**
- MVX 242X - Performance II **Credit Hours: 2**
- MUN XXXX - Ensemble **Credit Hours: 1**
- CMENC/Schools

Sophomore Year - Spring (16 Credit Hours)

- MUT 2127 - Music Theory and Musicianship IV **Credit Hours: 4**
- MUH 3211 - Music History and Literature I **Credit Hours: 3**
- MUE 3693 - Technology in Music Education **Credit Hours: 3**
- MVK 2122 - Class Piano IV **Credit Hours: 1**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUE XXXX - Techniques **Credit Hours: 1**
- MUE XXXX - Techniques **Credit Hours: 1**
- MVX 242X - Performance II **Credit Hours: 2**
- MUN XXXX - Ensemble **Credit Hours: 1**
- CMENC/Schools

Junior Year - Fall (17 Credit Hours)

- MUH 3212 - Music History and Literature II **Credit Hours: 3**
- MUE 4332 - Secondary Instrumental Methods I **Credit Hours: 3**
- MUG 3104 - Basic Conducting **Credit Hours: 2**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**
- MUE 3333 - Music Learning Theory and Assessment **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MVX 343X - Performance III **Credit Hours: 2**
- MUN XXXX - Ensemble **Credit Hours: 1**
- CMENC/Schools

Junior Year - Spring (14 Credit Hours)

- MUG 3302 - Instrumental Conducting and Materials **Credit Hours: VAR**
- EDF 4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools **Credit Hours: 3**
- MUS 3953 - Recital Performance I **Credit Hours: 0**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUE 4337 - Secondary Instrumental Methods II **Credit Hours: 3**
- MVX 343X Performance III **Credit Hours: 2**
- MUN XXXX Ensemble **Credit Hours: 1**
- GEP **Credit Hours: 3**
- CMENC/Schools

Senior Year - Fall (15 Credit Hours)

- MUE 3942 - Music Internship I **Credit Hours: 3**
- RED 4043 - Content Reading in Kindergarten through Grade 12 **Credit Hours: 3**
- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- CMENC/Schools

Senior Year - Spring (12 Credit Hours)

- MUE 4943 - Music Internship II **Credit Hours: 12**
- MUE 4791 - BME ePortfolio **Credit Hours: 0**

Senior Year - Summer (9 Credit Hours)

- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Program B - Choral Program K-12

Freshman Year - Fall (17 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- MUT 1121 - Music Theory and Musicianship I **Credit Hours: 4**
- MUE 2040 - Introduction to Music Education **Credit Hours: 3**
- MUS 1250 - IPA for Singers **Credit Hours: 1**
- MUS 1010 - Music Forum **Credit Hours: 0**
- GEP **Credit Hours: 3**
- MVX 141X - Performance I **Credit Hours: 2**
- MUN XXXX - Ensemble **Credit Hours: 1**
- CMENC/Schools

Freshman Year - Spring (17 Credit Hours)

- MUT 1122 - Music Theory and Musicianship II **Credit Hours: 4**
- MUL 2720 - Music of the World **Credit Hours: 3**
- EDF 2085 - Introduction to Diversity for Educators **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUE XXXX Techniques **Credit Hours: 1**
- MVX 141X - Performance I **Credit Hours: 2**
- MUN XXXX - Ensemble **Credit Hours: 1**
- GEP **Credit Hours: 3**
- CMENC/Schools

Sophomore Year - Fall (16 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- MUT 2126 - Music Theory and Musicianship III **Credit Hours: 4**
- MUE 4311 - Elementary School Music Methods **Credit Hours: 2**
- MUH 3633 - Music in the United States **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUE XXXX - Techniques **Credit Hours: 1**
- MVX 242X - Performance II **Credit Hours: 2**
- MUN XXXX - Ensemble **Credit Hours: 1**

- CMENC/Schools

Sophomore Year - Spring (17 Credit Hours)

- MUT 2127 - Music Theory and Musicianship IV **Credit Hours: 4**
- MVK 2122 - Class Piano IV **Credit Hours: 1**
- MUH 3211 - Music History and Literature I **Credit Hours: 3**
- MUE 3693 - Technology in Music Education **Credit Hours: 3**
- MVV 4640 - Voice Pedagogy **Credit Hours: 2**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUE XXXX - Techniques **Credit Hours: 1**
- MVX 242X - Performance II **Credit Hours: 2**
- MUN XXXX - Ensemble **Credit Hours: 1**
- CMENC/Schools

Junior Year - Fall (17 Credit Hours)

- MUH 3212 - Music History and Literature II **Credit Hours: 3**
- MUG 3104 - Basic Conducting **Credit Hours: 2**
- MUE 4331 - Secondary Choral Methods I **Credit Hours: 3**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**
- MUE 3333 - Music Learning Theory and Assessment **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MVX 343X - Performance III **Credit Hours: 2**
- MUN XXXX - Ensemble **Credit Hours: 1**
- CMENC/Schools

Junior Year - Spring (14 Credit Hours)

- MUG 3202 - Choral Conducting and Materials **Credit Hours: VAR**
- EDF 4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools **Credit Hours: 3**
- MUS 3953 - Recital Performance I **Credit Hours: 0**
- MUE 4335 - Secondary Choral Methods II **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- GEP **Credit Hours: 3**
- MVX 343X - Performance III **Credit Hours: 2**
- MUN XXXX - Ensemble **Credit Hours: 1**
- CMENC/Schools

Senior Year - Fall (15 Credit Hours)

- MUE 3942 - Music Internship I **Credit Hours: 3**
- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**
- RED 4043 - Content Reading in Kindergarten through Grade 12 **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- CMENC/Schools

Senior Year - Spring (12 Credit Hours)

- MUE 4943 - Music Internship II **Credit Hours: 12**
- MUE 4791 - BME ePortfolio **Credit Hours: 0**

Senior Year - Summer (9 Credit Hours)

- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Program C - Elementary Program

Freshman Year - Fall (17 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- MUT 1121 - Music Theory and Musicianship I **Credit Hours: 4**
- MUE 2040 - Introduction to Music Education **Credit Hours: 3**
- MUE 2346 - Vocal Techniques **Credit Hours: 1**
- MUS 1010 - Music Forum **Credit Hours: 0**
- GEP **Credit Hours: 3**
- MVX 141X - Performance I **Credit Hours: 2**
- MUN XXXX - Ensemble **Credit Hours: 1**
- CMENC/Schools

Freshman Year - Spring (17 Credit Hours)

- MUT 1122 - Music Theory and Musicianship II **Credit Hours: 4**
- MUL 2720 - Music of the World **Credit Hours: 3**
- EDF 2085 - Introduction to Diversity for Educators **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- GEP **Credit Hours: 3**
- MVX 141X - Performance I **Credit Hours: 2**
- MUN XXXX - Ensemble **Credit Hours: 1**
- MUE XXXX Techniques **Credit Hours: 1**
- CMENC/Schools

Sophomore Year - Fall (17 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- MUT 2126 - Music Theory and Musicianship III **Credit Hours: 4**
- MUH 3633 - Music in the United States **Credit Hours: 3**
- MUE 4311 - Elementary School Music Methods **Credit Hours: 2**

- MUS 1010 - Music Forum **Credit Hours: 0**
- MUE XXXX - Techniques **Credit Hours: 1**
- MVX 242X - Performance II **Credit Hours: 2**
- MUN XXXX - Ensemble **Credit Hours: 1**
- MUE XXXX - Techniques **Credit Hours: 1**
- CMENC/Schools

Sophomore Year - Spring (17 Credit Hours)

- MUT 2127 - Music Theory and Musicianship IV **Credit Hours: 4**
- MVK 2122 - Class Piano IV **Credit Hours: 1**
- MUH 3211 - Music History and Literature I **Credit Hours: 3**
- MUE 3693 - Technology in Music Education **Credit Hours: 3**
- MUE 4393 - Music and Students with Special Needs **Credit Hours: 2**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUE XXXX - Techniques **Credit Hours: 1**
- MVX 242X - Performance II **Credit Hours: 2**
- MUN XXXX - Ensemble **Credit Hours: 1**
- CMENC/Schools

Junior Year - Fall (17 Credit Hours)

- MUG 3104 - Basic Conducting **Credit Hours: 2**
- MUH 3212 - Music History and Literature II **Credit Hours: 3**
- MUE 4331 - Secondary Choral Methods I **Credit Hours: 3**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**
- MUE 3333 - Music Learning Theory and Assessment **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MVX 343X - Performance III **Credit Hours: 2**
- MUN XXXX - Ensemble **Credit Hours: 1**
- CMENC/Schools

Junior Year - Spring (13 Credit Hours)

- MUE 3353 - General Music Literature and Techniques **Credit Hours: 2**
- MUS 3953 - Recital Performance I **Credit Hours: 0**
- EDF 4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUG 3X02 - Choral or Instrumental Conducting **Credit Hours: 2**
- GEP **Credit Hours: 3**
- MVX 343X - Performance III **Credit Hours: 2**
- MUN XXXX - Ensemble **Credit Hours: 1**
- CMENC/Schools

Senior Year - Fall (15 Credit Hours)

- MUE 3942 - Music Internship I **Credit Hours: 3**
- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**
- RED 4043 - Content Reading in Kindergarten through Grade 12 **Credit Hours: 3**

- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- CMENC/Schools

Senior Year - Spring (12 Credit Hours)

- MUE 4943 - Music Internship II **Credit Hours: 12**
- MUE 4791 - BME ePortfolio **Credit Hours: 0**

Senior Year - Summer (9 Credit Hours)

- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Music, Jazz Studies Track (B.M.)

College

College of Arts and Humanities

Department

Department of Music

Program Type

Major

Program Contact Information

College of Arts and Humanities

Department of Music

Performing Arts Center (PAC), M203

407-823-2869

musicaud@ucf.edu

Director of Jazz Studies & Pegasus Professor: J. Rupert

407-823-5411

JeffRupert@ucf.edu

Associate Instructor of Music - Percussion & Coordinator of Undergraduate Studies: Kirk Gay

407-823-5968

Kirk.Gay@ucf.edu

Program Description

Admission Requirements Audition Requirements for Admission

- Acceptance into the Department of Music is conditional upon completion of a successful audition. Go to <https://performingarts.cah.ucf.edu/music/program-requirements/> to learn more about specific audition requirements and recommended repertoire for each instrument and voice.
- The audition will serve as a placement examination for accepted candidates.

Professional Sequence Entrance Review

- During the fourth semester of applied study, each student will be required to pass the Professional Sequence Entrance Review, which will include:
 - An evaluation of performance skills
 - Completion of Performance I and II
 - Completion of MUS 2360C
 - Completion of MUT 2127 - Music Theory and Musicianship IV
 - Completion of Class Piano IV
 - Completion of Jazz Theory I & II
 - Overall GPA of at least 2.5, and a GPA for all music courses of at least 3.0
 - This review is a pre-requisite for Performance level III.

Degree Requirements

- Prior to attending the first class as a music major at UCF, all students must take a keyboard placement examination to determine the appropriate level of class piano. Go to <http://performingarts.cah.ucf.edu/study/#musicundergrad> to see the class piano requirements.
- Students who change degree programs and select this major must adopt the most current catalog.
- At least 65 hours of credit must be earned in music courses.
- Departmental Residency Requirement; at least 30 hours must be taken from the UCF Music department.
- Performance students must present two faculty-approved public recitals.
- Students should consult with a departmental advisor for course selection.
- Courses designated in General Education Program are usually completed throughout four years of study.
- Students must complete a faculty-approved Senior BM web portfolio.
- A cumulative minimum GPA of 3.00 based upon all courses required in the major as well as all courses taken in music is required. Failure to maintain this standard may result in program probation or dismissal. Please refer to the SPA Student Handbook (<http://performingarts.cah.ucf.edu/academics/student-resources>) for details on program standards.

General Education (GEP)

0 Total Credits

- (See General Education program for detailed information)

Communication Foundations

9 Total Credits

- Complete all of the following
 - Preferred:
 - Complete the following:
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Required:
 - Complete the following:
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)

Cultural & Historical Foundations

9 Total Credits

- Complete all of the following
 - Earn at least 3 credits from the following course sets:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)

- EUH2000 - Western Civilization I (3)
- EUH2001 - Western Civilization II (3)
- HUM2020 - Encountering the Humanities (3)
- HUM2210 - Studies in Culture: Ancient to 17th Century (3)
- HUM2230 - Studies in Culture: 17th Century to Present (3)
- WOH2012 - World Civilization I (3)
- WOH2022 - World Civilization II (3)
- Required:
- Complete the following:
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)

Mathematical Foundations

6 Total Credits

No Rules

Math:

3 Total Credits

- Complete 1 of the following
 - Suggested:
 - Complete at least 1 of the following:
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - Earn at least 3 credits from the following types of courses:
You may substitute a higher level math with appropriate scores on the Math Placement Exam.

Statistics - Computers:

3 Total Credits

- Earn at least 3 credits from the following course sets:
GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)

Social Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:
GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)

- CHS1440 - Principles of Chemistry (4)
- PHY1038 - Physics of Energy, Climate Change and Environment (3)
- PHY2020 - Concepts of Physics (3)
- PHY2048 - General Physics Using Calculus I (3)
- PHY2053 - College Physics I (3)
- PSC1121 - Physical Science (3)

GEP 12- Science Foundation

- ANT2511 - The Human Species (3)
- BSC1005 - Biological Principles (3)
- BSC2010C - Biology I (4)
- EVR1001 - Introduction to Environmental Science (3)
- GEO1200 - Physical Geography (3)
- GEO2370 - Resources Geography (3)
- GLY1030 - Geology and its Applications (3)
- GLY2038 - Environmental Geoscience (3)
- MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
- MET2104 - The Earth's Climate (3)

Grand Total Credits: **36**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information.
 - Complete the following:
 - MUT1121 - Music Theory and Musicianship I (4)
 - MUT1122 - Music Theory and Musicianship II (4)
 - MUT2126 - Music Theory and Musicianship III (4)
 - MUT2127 - Music Theory and Musicianship IV (4)
 - Earn at least 4 credits from the following:
 - MUN3713 - Jazz Ensemble (1)
 - Four semesters for total 4 hrs : MUN 3713
 - Complete the following:
 - MVK1111 - Class Piano I (1)
 - MVK1112 - Class Piano II (1)
 - MVK2121 - Class Piano III (1)
 - MVK2122 - Class Piano IV (1)

Grand Total Credits: **24**

Degree Requirements

Core Requirements: Basic Level

6 Total Credits

- Complete all of the following
 - Earn at least 6 credits from the following:
 - MUS2360C - Introduction to Music Technology (3)
 - MUS1010 - Music Forum
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - MUH3633 - Music in the United States (3)
 - Eight semesters : MUS 1010
 - GEP Courses : MUL 2016, MUL 2720

Core Requirements: Advanced Level

54 Total Credits

- Complete all of the following
 - Complete the following:
 - MUT3170 - Jazz Theory I (3)
 - MUT3171 - Jazz Theory II (3)
 - Earn at least 12 credits from the following:

- MUT3923 - Jazz Workshop (3)
- Four semesters for total 12 hrs : MUT 3923
- Complete the following:
 - MUS4320 - Music Business and Industry (3)
 - MUH4814 - Jazz Styles and Analysis (3)
 - MUS3953 - Recital Performance I
 - MUS4954 - Recital Performance II
- Complete at least 1 of the following:
 - MUH3211 - Music History and Literature I (3)
 - MUH3212 - Music History and Literature II (3)
- Specialty Requirements (Choose one):
- Complete 1 of the following
 - All courses are taken for two semesters each except restricted elective courses
 - Trumpet
 - Complete all of the following
 - Earn at least 22 credits from the following:
 - MVB1411 - Trumpet I (2)
 - MVB2421 - Trumpet II (2)
 - MVB3431 - Trumpet III (2 - 3)
 - MVB4441 - Trumpet IV (4)
 - Earn at least 5 credits from the following types of courses:
Restricted Electives
 - Trombone
 - Complete all of the following
 - Earn at least 22 credits from the following:
 - MVB1413 - Trombone I (2)
 - MVB2423 - Trombone II (2)
 - MVB3433 - Trombone III (2 - 3)
 - MVB4443 - Trombone IV (4)
 - Earn at least 5 credits from the following types of courses:
Restricted Electives
 - Saxophone
 - Complete all of the following
 - Earn at least 22 credits from the following:
 - MVW1414 - Bassoon I (2)
 - MVW2425 - Saxophone II (2)
 - MVW3435 - Saxophone III (2 - 3)
 - MVW4445 - Saxophone IV (4)
 - Earn at least 5 credits from the following types of courses:
Restricted Electives
 - Jazz Piano
 - Complete all of the following
 - Earn at least 22 credits from the following:
 - MVJ1010 - Jazz Piano I (2)
 - MVJ2220 - Jazz Piano II (2)
 - MVJ3230 - Jazz Piano III (3)
 - MVJ4240 - Jazz Piano IV (4)
 - MVK1211 - Secondary Piano (1)
 - Earn at least 5 credits from the following types of courses:
Restricted Electives
 - Jazz Bass
 - Complete all of the following
 - Earn at least 22 credits from the following:
 - MVJ1214 - Jazz Bass I (2)
 - MVJ2224 - Jazz Bass II (2)
 - MVJ3234 - Jazz Bass III (3)
 - MVJ4244 - Jazz Bass IV (4)
 - MVS1214 - Secondary Bass (1)
 - Earn at least 5 credits from the following types of courses:

Restricted Electives

Jazz Guitar

- Complete all of the following
 - Earn at least 22 credits from the following:
 - MVJ1213 - Jazz Guitar I (2)
 - MVJ2223 - Jazz Guitar II (2)
 - MVJ3233 - Jazz Guitar III (3)
 - MVJ4243 - Jazz Guitar IV (4)
 - MVS1216 - Secondary Guitar (1)
 - Earn at least 5 credits from the following types of courses:
Restricted Electives

Jazz Drum Set

- Complete all of the following
 - Earn at least 22 credits from the following:
 - MVJ1219 - Jazz Drum Set I (2)
 - MVJ2229 - Jazz Drum Set II (2)
 - MVJ3339 - Jazz Drum Set III (3)
 - MVJ4349 - Jazz Drum Set IV (4)
 - MVP1211 - Secondary Percussion (1)
 - Earn at least 5 credits from the following types of courses:
Restricted Electives

Grand Total Credits: **60**

Program Details

Restricted Electives

- Any upper-level performance course not in area of major instrument or
- Any MUC, MUE, MUG, MUH, MUL, MUM, MUN, MUO, MUS, MUT, MVX courses numbered 3000 or higher.

Capstone Requirements

- None

Electives

- Select primarily from upper level courses. May be outside of the department.

Foreign Language Requirements

Admissions

- Two years of foreign language in high school or one year of foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- Signature Experience requirement is met by successful completion of the following course(s):
- MUS 4954 - Recital Performance II **Credit Hours: 0**

Required Minors

- None

Departmental Exit Requirements

- Earn a grade of "C" (2.0) or better in each Music course

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- Students interested in completing Honors in the Major should contact their program advisor. More information about Honors in the Major can be found at <http://research.honors.ucf.edu/honors-in-the-Major>.

Related Programs

- Music Education (B.M.E.)
- Music (B.A.)
- Theatre Studies (B.A.)

Certificates

- None

Related Minors

- Music Minor
- Theatre Minor
- Digital Media Minor

Advising Notes

- None

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$45 per term
- Full-Time Student: \$90 per term

Plan of Study

Program A: Jazz Trumpet, Trombone, Saxophone

Freshman Year - Fall (14 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- MUT 1121 - Music Theory and Musicianship I **Credit Hours: 4**
- MUN 3713 - Jazz Ensemble **Credit Hours: 1**
- MVK 1111 - Class Piano I **Credit Hours: 1**
- MUL 2016 - Evolution of Jazz **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MVX 141X - Performance I **Credit Hours: 2**

Freshman Year - Spring (17 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- MUL 2720 - Music of the World **Credit Hours: 3**
- MUT 1122 - Music Theory and Musicianship II **Credit Hours: 4**
- MUN 3713 - Jazz Ensemble **Credit Hours: 1**
- MVK 1112 - Class Piano II **Credit Hours: 1**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MVX 141X - Performance I **Credit Hours: 2**
- GEP **Credit Hours: 3**

Sophomore Year - Fall (17 Credit Hours)

- MUT 2126 - Music Theory and Musicianship III **Credit Hours: 4**
- MUN 3713 - Jazz Ensemble **Credit Hours: 1**
- MVK 2121 - Class Piano III **Credit Hours: 1**
- MUT 3170 - Jazz Theory I **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUS 2360C - Introduction to Music Technology **Credit Hours: 3**
- MVX 242X - Performance II **Credit Hours: 2**
- GEP **Credit Hours: 3**

Sophomore Year - Spring (14 Credit Hours)

- MUT 2127 - Music Theory and Musicianship IV **Credit Hours: 4**
- MUN 3713 - Jazz Ensemble **Credit Hours: 1**
- MVK 2122 - Class Piano IV **Credit Hours: 1**
- MUT 3171 - Jazz Theory II **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUH 3633 - Music in the United States **Credit Hours: 3**
- MVX 242X - Performance II **Credit Hours: 2**
- Professional Sequence Entrance Review

Junior Year - Fall (16 Credit Hours)

- MUT 3923 - Jazz Workshop **Credit Hours: 3**
- MUS 4320 - Music Business and Industry **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- GEP **Credit Hours: 3**
- GEP **Credit Hours 3**
- Music Specialty Restricted Elective **Credit Hours: 1**
- MVX 343X Performance III **Credit Hours: 3**

Junior Year - Spring (13 Credit Hours)

- MUT 3923 - Jazz Workshop **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUS 3953 - Recital Performance I **Credit Hours: 0**
- MVX 343X - Performance III **Credit Hours 3**
- Music Specialty Restricted Elective **Credit Hours: 1**
- MUH 3211 or MUH 3212 **Credit Hours: 3**
- GEP **Credit Hours: 3**

Senior Year - Fall (16 Credit Hours)

- MUS 1010 - Music Forum **Credit Hours: 0**
- MUT 3923 - Jazz Workshop **Credit Hours: 3**
- MUH 4814 - Jazz Styles and Analysis **Credit Hours: 3**
- MVX 444X - Performance IV **Credit Hours: 4**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- MUT 3923 - Jazz Workshop **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUS 4954 - Recital Performance II **Credit Hours: 0**
- Music Specialty Restricted Elective **Credit Hours: 3**
- MVX 444X - Performance IV **Credit Hours: 4**
- GEP **Credit Hours: 3**

Program B: Jazz Piano, Guitar, Bass, Drum Set

Freshman Year - Fall (15 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- MUL 2016 - Evolution of Jazz **Credit Hours: 3**
- MUT 1121 - Music Theory and Musicianship I **Credit Hours: 4**
- MUN 3713 - Jazz Ensemble **Credit Hours: 1**
- MVK 1111 - Class Piano I **Credit Hours: 1**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MVX 1XXX - Performance I **Credit Hours: 2**
- MVX 121X - Secondary Performance **Credit Hours: 1**

Freshman Year - Spring (17 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- MUL 2720 - Music of the World **Credit Hours: 3**
- MUT 1122 - Music Theory and Musicianship II **Credit Hours: 4**
- MUN 3713 - Jazz Ensemble **Credit Hours: 1**
- MVK 1112 - Class Piano II **Credit Hours: 1**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MVX 1XXX - Performance I **Credit Hours: 2**
- GEP **Credit Hours: 3**

Sophomore Year - Fall (17 Credit Hours)

- MUT 2126 - Music Theory and Musicianship III **Credit Hours: 4**
- MUN 3713 - Jazz Ensemble **Credit Hours: 1**
- MVK 2121 - Class Piano III **Credit Hours: 1**
- MUT 3170 - Jazz Theory I **Credit Hours: 3**
- MUS 2360C - Introduction to Music Technology **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MVX 2XXX - Performance II **Credit Hours: 2**
- GEP **Credit Hours: 3**

Sophomore Year - Spring (14 Credit Hours)

- MUT 2127 - Music Theory and Musicianship IV **Credit Hours: 4**
- MUN 3713 - Jazz Ensemble **Credit Hours: 1**
- MVK 2122 - Class Piano IV **Credit Hours: 1**
- MUT 3171 - Jazz Theory II **Credit Hours: 3**
- MUH 3633 - Music in the United States **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MVX 2XXX - Performance II **Credit Hours: 2**
- Professional Sequence Entrance Review

Junior Year - Fall (16 Credit Hours)

- MUT 3923 - Jazz Workshop **Credit Hours: 3**
- MUS 4320 - Music Business and Industry **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**

- MVX 121X Secondary Performance **Credit Hours: 1**
- MVX 3XXX - Performance III **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Junior Year - Spring (12 Credit Hours)

- MUT 3923 - Jazz Workshop **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUS 3953 - Recital Performance I **Credit Hours: 0**
- MVX 3XXX - Performance III **Credit Hours: 3**
- MUH 3211 or MUH 3212 **Credit Hours: 3**
- GEP **Credit Hours: 3**

Senior Year - Fall (16 Credit Hours)

- MUT 3923 - Jazz Workshop **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUH 4814 - Jazz Styles and Analysis **Credit Hours: 3**
- MVX 4XXX - Performance IV **Credit Hours: 4**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- MUT 3923 - Jazz Workshop **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUS 4954 - Recital Performance II **Credit Hours: 0**
- MVX 4XXX - Performance IV **Credit Hours: 4**
- Upper Level Music Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

Music Minor

College

College of Arts and Humanities

Department

Department of Music

Program Type

Minor

Program Contact Information

College of Arts and Humanities
Department of Music
Performing Arts Center (PAC) M203
407-823-2869
ucfmusic@ucf.edu

Academic Advisor II: Lauren Becker
407-823-2758
lauren.becker@ucf.edu

Program Description

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Required Courses

10 Total Credits

- Complete all of the following
 - Complete the following:
 - MUT1004 - Fundamentals of Music I (3)
 - MUT1121 - Music Theory and Musicianship I (4)
 - Complete at least 1 of the following:
 - MUL2010 - Enjoyment of Music (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)

Restricted Electives

9 Total Credits

- Earn at least 9 credits from the following types of courses:
Restricted electives must be taken from the School of Performing Arts at UCF and must include 3 hours minimum at the 3000 or 4000 level.

Foreign Language Requirements

0 Total Credits

- None

Grand Total Credits: **19**

Program Details

Other Requirements

- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades below "C" (2.0) are not accepted.
- At least 9 hours used in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor.

Music, Music Composition Track (B.M.)

College

College of Arts and Humanities

Department

Department of Music

Program Type

Major

Program Contact Information

College of Arts and Humanities
Department of Music
Performing Arts Center (PAC) M203
407-823-2869
musicaud@ucf.edu

Associate Instructor of Music - Percussion & Coordinator of Undergraduate Studies: Kirk Gay
407-823-5968
Kirk.Gay@ucf.edu

Program Description

Admission Requirements Audition Requirements for Admission

The audition for the composition program consists of three parts:

- Portfolio - including three compositions with audio recordings
- Music Theory Exam
- Interview

For more information on the audition requirements, go to <https://performingarts.cah.ucf.edu/studio/composition/>

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- At least 65 hours of credit must be earned in music courses.
- Departmental Residency Requirement; at least 30 hours must be taken from the UCF Music department.
- Composition students must present one faculty-approved public recital.
- Students should consult with a departmental advisor for course selection.
- Courses designated in General Education Program are usually completed throughout four years of study.
- Students must complete a faculty-approved Senior BM web portfolio.
- A cumulative minimum GPA of 3.00 based upon all courses required in the major as well as all courses taken in music is required. Failure to maintain this standard may result in program probation or dismissal. Please refer to the SPA Student Handbook (<http://performingarts.cah.ucf.edu/academics/student-resources>) for details on program standards.

General Education (GEP)

Communication Foundations
9 Total Credits

- Complete all of the following
 - Required:
 - Complete the following:
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Preferred:
 - Complete the following:

- SPC1608 - Fundamentals of Oral Communication (3)

Cultural & Historical Foundations

9 Total Credits

- Complete all of the following
 - Complete the following:
 - MUH3212 - Music History and Literature II (3)
 - MUL2720 - Music of the World (3)
 - Suggested:
 - Complete the following:
 - HUM2020 - Encountering the Humanities (3)

Mathematical Foundations

6 Total Credits

No Rules

Math

3 Total Credits

- Complete all of the following
 - Suggested:
 - Complete at least 1 of the following:
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - You may substitute a higher level math with appropriate scores on the Math Placement Exam.

Statistics - Computers

3 Total Credits

- Earn at least 3 credits from the following course sets:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)

Social Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)

- CHS1440 - Principles of Chemistry (4)
- PHY1038 - Physics of Energy, Climate Change and Environment (3)
- PHY2020 - Concepts of Physics (3)
- PHY2048 - General Physics Using Calculus I (3)
- PHY2053 - College Physics I (3)
- PSC1121 - Physical Science (3)

GEP 12- Science Foundation

- ANT2511 - The Human Species (3)
- BSC1005 - Biological Principles (3)
- BSC2010C - Biology I (4)
- EVR1001 - Introduction to Environmental Science (3)
- GEO1200 - Physical Geography (3)
- GEO2370 - Resources Geography (3)
- GLY1030 - Geology and its Applications (3)
- GLY2038 - Environmental Geoscience (3)
- MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
- MET2104 - The Earth's Climate (3)

Grand Total Credits: **36**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - Earn at least 30 credits from the following:
 - MUT1121 - Music Theory and Musicianship I (4)
 - MUT1122 - Music Theory and Musicianship II (4)
 - MUT2126 - Music Theory and Musicianship III (4)
 - MUT2127 - Music Theory and Musicianship IV (4)
 - MVK1111 - Class Piano I (1)
 - MVK1112 - Class Piano II (1)
 - MVK2121 - Class Piano III (1)
 - MVK2122 - Class Piano IV (1)
 - MUN 3XXX - Ensemble (four semesters) Credit Hours: 4
 - MVX 1X1X - Secondary Performance (two semesters) Credit Hours: 2
 - MVX 242X - Performance II (two semesters) Credit Hours: 4

Grand Total Credits: **30**

Degree Requirements

Core Requirements: Basic Level
27 Total Credits

- Complete all of the following
 - Earn at least 27 credits from the following:
 - MUH3633 - Music in the United States (3)
 - MUS2360C - Introduction to Music Technology (3)
 - MUC1201C - Applied Composition I (2)
 - MUC2202C - Applied Composition II (2)
 - MUS1010 - Music Forum
 - MUL2720 - Music of the World (3)
 - MUG3104 - Basic Conducting (2)
 - MUH3211 - Music History and Literature I (3)
 - MUH3212 - Music History and Literature II (3)
 - MUT4571 - Analysis of Twentieth-Century Music (3)
 - MUS3051 - Music Entrepreneurship (3)
 - MUN 3XXX - Ensembles (two semesters) Credit Hours: 2
 - MUC 1201C and MUC 2202C - Two semesters for total 4 hrs
 - MUS 1010 - Eight semesters

Core Requirements: Advanced Level
24 Total Credits

- Professional Sequence Requirements:
- Complete all of the following
 - Earn at least 24 credits from the following:
 - MUC3105C - Composition III (2)
 - MUC4106C - Composition IV (3)
 - MUT4401 - Counterpoint (3)
 - MUT4311 - Orchestration (3)
 - MUC4610 - Film Music Composition (3)
 - MUC4634 - Video Game Music Composition (3)
 - MUC4950 - Composition Recital
 - MUC4971 - Composition Thesis (2)
 - MUC 3105C - Two semesters for total 4 hrs
 - MUC 4106C - Two semesters for total 6 hrs

Restricted Electives
3 Total Credits

- Earn at least 3 credits from the following types of courses:
Any MUC, MUE, MUG, MUH, MUL, MUM, MUN, MUO, MUS, MUT, MVX courses numbered 3000 or higher.

Grand Total Credits: **54**

Program Details

Special Non-Course Requirements: Ensemble Participation

- Select from any MUN 3XXX course.
- Students taking a course in Performance must concurrently take a major ensemble appropriate to their principal instrument or voice.

Capstone Requirements

- None

Electives

- Select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the department.

Foreign Language Requirements

Admissions

- Two years of foreign language in high school or one year of foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

Signature Experience requirement is met by successful completion of the following course(s):

- MUC 4950 - Composition Recital **Credit Hours: 0**

Required Minors

- None

Departmental Exit Requirements

- Earn a grade of "C" (2.0) or better in each Music course.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- Students interested in completing Honors in the Major should contact their program advisor. More information about Honors in the Major can be found at <http://research.honors.ucf.edu/honors-in-the-Major>.

Related Programs

- Music Education (B.M.E.)
- Music (B.A.)
- Theatre Studies (B.A.)

Certificates

- None

Related Minors

- Music Minor
- Digital Media Minor
- Theatre Minor

Advising Notes

- None

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.o eas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$45 per term
- Full-Time Student: \$90 per term

Plan of Study (120 Credit Hours)

Freshman Year - Fall (14 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- MUL 2720 - Music of the World **Credit Hours: 3**
- MUT 1121 - Music Theory and Musicianship I **Credit Hours: 4**
- MVK 1111 - Class Piano I **Credit Hours: 1**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUN 3XXX - Ensemble **Credit Hours: 1**
- MUC 1201C - Applied Composition I **Credit Hours: 2**

Freshman Year - Spring (17 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- MUT 1122 - Music Theory and Musicianship II **Credit Hours: 4**
- MVK 1112 - Class Piano II **Credit Hours: 1**
- MUS 2360C - Introduction to Music Technology **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUC 1201C - Applied Composition I **Credit Hours: 2**
- MUN 3XXX - Ensemble **Credit Hours: 1**
- GEP **Credit Hours: 3**

Sophomore Year - Fall (17 Credit Hours)

- MUT 2126 - Music Theory and Musicianship III **Credit Hours: 4**
- MVK 2121 - Class Piano III **Credit Hours: 1**
- MUG 3104 - Basic Conducting **Credit Hours: 2**
- MUH 3633 - Music in the United States **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUN 3XXX - Ensemble **Credit Hours: 1**
- MVX 121X - Secondary Performance **Credit Hours: 1**
- MUC 2202C - Applied Composition II **Credit Hours: 2**
- GEP **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- MUT 2127 - Music Theory and Musicianship IV **Credit Hours: 4**
- MVK 2122 - Class Piano IV **Credit Hours: 1**
- MUH 3211 - Music History and Literature I **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUN 3XXX - Ensemble **Credit Hours: 1**
- MVX 121X - Secondary Performance **Credit Hours: 1**
- MUC 2202C - Applied Composition II **Credit Hours: 2**
- GEP **Credit Hours: 3**

Junior Year - Fall (14 Credit Hours)

- MUH 3212 - Music History and Literature II **Credit Hours: 3**
- MUT 4311 - Orchestration **Credit Hours: 3**
- MUC 3105C - Composition III **Credit Hours: 2**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUN 3XXX - Ensemble **Credit Hours: 1**
- MVX 242X - Performance II **Credit Hours: 2**
- GEP **Credit Hours: 3**

Junior Year - Spring (16 Credit Hours)

- MUT 4571 - Analysis of Twentieth-Century Music **Credit Hours: 3**
- MUC 3105C - Composition III **Credit Hours: 2**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUN 3XXX - Ensemble **Credit Hours: 1**
- MVX 242X - Performance II **Credit Hours: 2**
- MUC 4610 - Film Music Composition **Credit Hours: 3**
- MUC 4971 - Composition Thesis **Credit Hours: 2**
- GEP **Credit Hours: 3**

Senior Year - Fall (12 Credit Hours)

- MUC 4106C - Composition IV **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- MUS 3051 - Music Entrepreneurship **Credit Hours: 3**

Senior Year - Spring (15 Credit Hours)

- MUC 4106C - Composition IV **Credit Hours: 3**
- MUT 4401 - Counterpoint **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUC 4634 - Video Game Music Composition **Credit Hours: 3**
- MUC 4950 - Composition Recital **Credit Hours: 0**
- GEP **Credit Hours: 3**
- Upper Level Music Elective **Credit Hours: 3**

Music, Music Performance Track (B.M.)

College

College of Arts and Humanities

Department

Department of Music

Program Type

Major

Program Contact Information

College of Arts and Humanities
Department of Music
Performing Arts Center (PAC) M203
407-823-2869
musicaud@ucf.edu

Associate Instructor of Music - Percussion & Coordinator of Undergraduate Studies: Kirk Gay
407-823-5968
Kirk.Gay@ucf.edu

Program Description

Admission Requirements Audition Requirements for Admission

- Acceptance into the Department of Music is conditional upon completion of a successful audition. Go to <https://performingarts.cah.ucf.edu/music/program-requirements/> to learn more about specific audition requirements and recommended repertoire for each instrument and voice.
- The audition will serve as a placement examination for accepted candidates.

Professional Sequence Entrance Review

- During the fourth semester of applied study, each student will be required to pass the Professional Sequence Entrance Review, which will include the following:
- An evaluation of performance skills
- Completion of Performance I and II
- Completion of Class Piano IV
- Overall GPA of at least 2.5, and a GPA for all music courses of at least 3.0.
- This review is a pre-requisite for Performance level III.
- Completion of the following courses:
 - MUS 2360C - Introduction to Music Technology **Credit Hours: 3**
 - MUT 2127 - Music Theory and Musicianship IV **Credit Hours: 4**

Degree Requirements

- Prior to attending the first music class as a music major at UCF, all students must take a keyboard placement examination to determine the appropriate level of class piano. Go to <https://performingarts.cah.ucf.edu/study/#musicundergrad> to see the class piano requirements.
- Students who change degree programs and select this major must adopt the most current catalog.
- At least 65 hours of credit must be earned in music courses.
- Departmental Residency Requirement; at least 30 hours must be taken from the UCF Music department.
- Performance students must present two faculty-approved public recitals.
- Students should consult with a departmental advisor for course selection.
- Courses designated in General Education Program are usually completed throughout four years of study.
- Students must complete a faculty-approved Senior BM web portfolio.
- A cumulative minimum GPA of 3.00 based upon all courses required in the major as well as all courses taken in music is required. Failure to maintain this standard may result in program probation or dismissal. Please refer to the SPA Student Handbook (<http://performingarts.cah.ucf.edu/academics/student-resources>) for details on program standards.

General Education (GEP)

0 Total Credits

- (See General Education program for detailed information)

Communication Foundations

9 Total Credits

- Complete all of the following
 - Preferred:
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Required:
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)

Cultural and Historical Foundations

9 Total Credits

- Complete all of the following
 - Required:
 - MUH3212 - Music History and Literature II (3)

- Earn at least 3 credits from the following course sets:
 GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
- Required:
- Complete the following:
 - MUL2720 - Music of the World (3)

Mathematical Foundations

6 Total Credits

No Rules

Math:

3 Total Credits

- Complete all of the following
 - Suggested:
 - Complete at least 1 of the following:
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - You may substitute a higher level math with appropriate scores on the Math Placement Exam.

Statistics - Computers:

3 Total Credits

- Earn at least 3 credits from the following course sets:
 GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)

Social Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:
 GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:
 GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)

- CHM2045C - Chemistry Fundamentals I (4)
- CHS1440 - Principles of Chemistry (4)
- PHY1038 - Physics of Energy, Climate Change and Environment (3)
- PHY2020 - Concepts of Physics (3)
- PHY2048 - General Physics Using Calculus I (3)
- PHY2053 - College Physics I (3)
- PSC1121 - Physical Science (3)

GEP 12- Science Foundation

- ANT2511 - The Human Species (3)
- BSC1005 - Biological Principles (3)
- BSC2010C - Biology I (4)
- EVR1001 - Introduction to Environmental Science (3)
- GEO1200 - Physical Geography (3)
- GEO2370 - Resources Geography (3)
- GLY1030 - Geology and its Applications (3)
- GLY2038 - Environmental Geoscience (3)
- MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
- MET2104 - The Earth's Climate (3)

Grand Total Credits: **36**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information.
 - Complete the following:
 - MUT1121 - Music Theory and Musicianship I (4)
 - MUT1122 - Music Theory and Musicianship II (4)
 - MUT2126 - Music Theory and Musicianship III (4)
 - MUT2127 - Music Theory and Musicianship IV (4)
 - MVK1111 - Class Piano I (1)
 - MVK1112 - Class Piano II (1)
 - MVK2121 - Class Piano III (1)
 - MVK2122 - Class Piano IV (1)
 - Earn at least 4 credits from the following types of courses:
MUN XXXX - Major Ensemble (four semesters) Piano students take MUN 3453; guitar students take MUN 3484
 - Earn at least 4 credits from the following types of courses:
MVX 141X - Performance I (2 semesters)
 - Earn at least 4 credits from the following types of courses:
MVX 242X - Performance II (2 semesters)

Grand Total Credits: **32**

Degree Requirements

Core Requirements: Basic Level

6 Total Credits

- Complete all of the following
 - Earn at least 6 credits from the following:
 - MUS2360C - Introduction to Music Technology (3)
 - MUS1010 - Music Forum
 - MUH3633 - Music in the United States (3)
 - MUL2720 - Music of the World (3)
 - GEP Course : MUL 2720

Core Requirements: Advanced Level

24 Total Credits

- Complete all of the following
 - Earn at least 24 credits from the following:
 - MUS3953 - Recital Performance I
 - MUS4954 - Recital Performance II

- MUG3104 - Basic Conducting (2)
- MUH3211 - Music History and Literature I (3)
- MUH3212 - Music History and Literature II (3)
- MVX 343X - Performance III (2 Semesters) Credit Hours: 6
- MVX 444X - Performance IV (2 Semesters) Credit Hours: 8
- MUN XXXX - Major Ensembles (Piano students take MUN 3453; guitar students take MUN 3484) Credit Hours: 2
- Choose one MUT 3XXX or MUT 4XXX course Credit Hours: 3
- GEP Course : MUH 3212

Specialty Requirements:

22 Total Credits

- Complete 1 of the following
 - (Choose One):
 - Piano
 - Complete all of the following
 - Complete the following:
 - MUL3400 - Piano Literature I (2)
 - MUL3401 - Piano Literature II (2)
 - MVK4640 - Piano Pedagogy I (2)
 - MUN3453 - Piano Ensemble (1)
 - MUN3453 - Piano Ensemble (1)
 - Earn at least 9 credits from the following types of courses:
Restricted Electives
 - Earn at least 5 credits from the following types of courses:
Electives
 - Guitar
 - Complete all of the following
 - Complete the following:
 - MUL4437 - String Literature and Pedagogy (3)
 - MUN3487 - Guitar Ensemble (1)
 - MUN3487 - Guitar Ensemble (1)
 - Earn at least 12 credits from the following types of courses:
Restricted Electives
 - Earn at least 5 credits from the following types of courses:
Electives
 - Voice
 - Complete all of the following
 - Complete the following:
 - MUS1250 - IPA for Singers (1)
 - MUS3255 - German and English Lyric Diction (2)
 - MUS3254 - Italian and French Lyric Diction (2)
 - MVV4640 - Voice Pedagogy (2)
 - MUL3602 - Song Literature (3)
 - Earn at least 2 credits from the following types of courses:
MUN XXXX - Major Ensembles
 - Earn at least 2 credits from the following types of courses:
MUN XXXX - Minor Ensembles
 - Earn at least 8 credits from the following types of courses:
Foreign Language (French, German, or Italian)
 - Woodwinds
 - Complete all of the following
 - Complete the following:
 - MUL4444 - Woodwind Literature and Pedagogy (3)
 - Earn at least 2 credits from the following types of courses:
MUN XXXX - Major Ensembles
 - Earn at least 4 credits from the following types of courses:
MUN XXXX - Minor Ensembles
 - Earn at least 8 credits from the following types of courses:
Restricted Electives

- Earn at least 5 credits from the following types of courses:
Electives
- Brass
 - Complete all of the following
 - Complete the following:
 - MUL4443 - Brass Literature and Pedagogy (3)
 - Earn at least 2 credits from the following types of courses:
MUN XXXX - Major Ensembles
 - Earn at least 4 credits from the following types of courses:
MUN XXXX - Minor Ensembles
 - Earn at least 8 credits from the following types of courses:
Restricted Electives
 - Earn at least 5 credits from the following types of courses:
Electives
- Percussion
 - Complete all of the following
 - Complete the following:
 - MUL3463 - Percussion Literature (2)
 - MVP3630 - Percussion Pedagogy (2)
 - Earn at least 2 credits from the following types of courses:
MUN XXXX - Major Ensembles
 - Earn at least 4 credits from the following types of courses:
MUN XXXX - Minor Ensembles
 - Earn at least 7 credits from the following types of courses:
Restricted Electives
 - Earn at least 5 credits from the following types of courses:
Electives
- Strings
 - Complete all of the following
 - Complete the following:
 - MUL4437 - String Literature and Pedagogy (3)
 - Earn at least 2 credits from the following types of courses:
MUN XXXX - Major Ensembles
 - Earn at least 4 credits from the following types of courses:
MUN XXXX - Minor Ensembles
 - Earn at least 8 credits from the following types of courses:
Restricted Electives
 - Earn at least 5 credits from the following types of courses:
Electives

Grand Total Credits: **52**

Program Details

Restricted Electives

- 0-15 hrs
- Any MUC, MUE, MUG, MUH, MUL, MUM, MUN, MUO, MUS, MUT, MVX courses numbered 3000 or higher.

Capstone Requirements

- None

Electives

- Select primarily from upper level courses. May be outside of the department.

Foreign Language Requirements

Admissions

- Two years of foreign language in high school or one year of foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- Special Non-Course Requirements:

Major Ensemble Participation

- Selected from University Chorus, Women's Chorus, Symphony Orchestra, Concert Band, Wind Ensemble, and Marching Band. Four hours of Jazz Ensemble may be used as Major Ensemble credit.
- Ensemble assignment is by the Ensemble directors.
- Students must take Major Ensemble during each semester at UCF.
- Students taking a course in Performance must concurrently take a major ensemble appropriate to their principal instrument or voice.

Minor Ensemble Participation

- If Minor Ensemble is taken at UCF, the semester hours of credit must be spread over at least two separate semesters.
- If Minor Ensemble credits are transferred to UCF, each remaining credit must be taken in a separate semester.
- Minor Ensembles include: Brass, Percussion, Piano, Madrigal Singers, Women's Chorus, Opera Workshop, Woodwind, Jazz Ensemble, Jazz Combo, and Early Music Ensemble.

Signature Experience

- Signature Experience requirement is met by successful completion of the following course(s):
- MUS 4954 - Recital Performance II **Credit Hours: 0**

Required Minors

- None

Departmental Exit Requirements

- Earn a grade of "C" (2.0) or better in each Music course.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.

- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- Students interested in completing Honors in the Major should contact their program advisor. More information about Honors in the Major can be found at <http://research.honors.ucf.edu/honors-in-the-Major>.

Related Programs

- Music Education (B.M.E.)
- Music (B.A.)
- Theatre, Musical Theatre Track (B.F.A.)

Certificates

- None

Related Minors

- Music Minor
- Theatre Minor
- Digital Media Minor

Advising Notes

- None

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oemas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$45 per term
- Full-Time Student: \$90 per term

Plan of Study

Program A: Strings, Woodwinds, Brass

Freshman Year - Fall (14 Credit Hours)

-
- ENC 1101 - Composition I **Credit Hours: 3**
 - MUL 2720 - Music of the World **Credit Hours: 3**
 - MUT 1121 - Music Theory and Musicianship I **Credit Hours: 4**
 - MVK 1111 - Class Piano I **Credit Hours: 1**
 - MUS 1010 - Music Forum **Credit Hours: 0**
 - MUN 3XXX - Major Ensemble **Credit Hours: 1**
 - MVX 141X - Performance I **Credit Hours: 2**

Freshman Year - Spring (17 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- MUT 1122 - Music Theory and Musicianship II **Credit Hours: 4**
- MVK 1112 - Class Piano II **Credit Hours: 1**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUS 2360C - Introduction to Music Technology **Credit Hours: 3**
- MUN 3XXX - Major Ensemble **Credit Hours: 1**
- MVX 141X - Performance I **Credit Hours: 2**
- GEP **Credit Hours: 3**

Sophomore Year - Fall (17 Credit Hours)

- MUT 2126 - Music Theory and Musicianship III **Credit Hours: 4**
- MVK 2121 - Class Piano III **Credit Hours: 1**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUG 3104 - Basic Conducting **Credit Hours: 2**
- MUN XXXX - Major Ensemble **Credit Hours: 1**
- MUN XXXX - Minor Ensemble **Credit Hours: 1**
- MVX 242X - Performance II **Credit Hours: 2**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- MUT 2127 - Music Theory and Musicianship IV **Credit Hours: 4**
- MVK 2122 - Class Piano IV **Credit Hours: 1**
- MUH 3633 - Music in the United States **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUN XXXX - Major Ensemble **Credit Hours: 1**
- MUN XXXX - Minor Ensemble **Credit Hours: 1**
- MVX 242X - Performance II **Credit Hours: 2**
- Professional Sequence Entrance Interview
- GEP **Credit Hours: 3**

Junior Year - Fall (14 Credit Hours)

- MUH 3211 - Music History and Literature I **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MVX 343X - Performance III **Credit Hours: 3**
- Music Restricted Elective **Credit Hours: 3**
- MUN XXXX - Major Ensemble **Credit Hours: 1**

- MUN XXXX - Minor Ensemble **Credit Hours: 1**
- GEP **Credit Hours: 3**

Junior Year - Spring (14 Credit Hours)

- MUH 3212 - Music History and Literature II **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUS 3953 - Recital Performance I **Credit Hours: 0**
- Upper Level Music Theory Elective **Credit Hours: 3**
- MUL 44XX - Literature and Pedagogy **Credit Hours: 3**
- MVX 343X - Performance III **Credit Hours 3**
- MUN XXXX - Minor Ensemble **Credit Hours: 1**
- MUN XXXX - Major Ensemble **Credit Hours: 1**

Senior Year - Fall (16 Credit Hours)

- MUS 1010 - Music Forum **Credit Hours: 0**
- MVX 444X - Performance IV **Credit Hours: 4**
- MUN XXXX - Major Ensemble **Credit Hours: 1**
- Music Restricted Elective **Credit Hours: 3**
- Music Elective **Credit Hours: 2**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- MUS 1010 - Music Forum **Credit Hours: 0**
- MUS 4954 - Recital Performance II **Credit Hours: 0**
- MVX 444X - Performance IV **Credit Hours: 4**
- MUN XXXX - Major Ensemble **Credit Hours: 1**
- Music Restricted Elective **Credit Hours: 2**
- Music Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

Program B: Percussion

Freshman Year - Fall (14 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- MUL 2720 - Music of the World **Credit Hours: 3**
- MUT 1121 - Music Theory and Musicianship I **Credit Hours: 4**
- MVK 1111 - Class Piano I **Credit Hours: 1**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MVP 1411 - Percussion I **Credit Hours: 2**
- MUN 3XXX - Major Ensemble **Credit Hours: 1**

Freshman Year - Spring (17 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- MUT 1122 - Music Theory and Musicianship II **Credit Hours: 4**
- MVK 1112 - Class Piano II **Credit Hours: 1**
- MUS 2360C - Introduction to Music Technology **Credit Hours: 3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MVP 1411 - Percussion I **Credit Hours: 2**
- MUN 3XXX - Major Ensemble **Credit Hours: 1**
- GEP **Credit Hours: 3**

Sophomore Year - Fall (17 Credit Hours)

- MUT 2126 - Music Theory and Musicianship III **Credit Hours: 4**
- MVP 2421 - Percussion II: **Credit Hours: 2**
- MUG 3104 - Basic Conducting **Credit Hours: 2**
- MUN 3443 - Percussion Ensemble **Credit Hours: 1**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MVK 2121 - Class Piano III **Credit Hours: 1**
- MUN 3XXX - Major Ensemble **Credit Hours: 1**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- MUT 2127 - Music Theory and Musicianship IV **Credit Hours: 4**
- MVK 2122 - Class Piano IV **Credit Hours: 1**
- MUH 3633 - Music in the United States **Credit Hours: 3**
- MUN 3443 - Percussion Ensemble **Credit Hours: 1**
- MVP 2421 - Percussion II: **Credit Hours: 2**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUN 3XXX - Major Ensemble **Credit Hours: 1**
- Professional Sequence Entrance Review
- GEP **Credit Hours: 3**

Junior Year - Fall (17 Credit Hours)

- MUH 3211 - Music History and Literature I **Credit Hours: 3**
- MVP 3431 - Percussion III **Credit Hours: 2-3**
- MUN 3443 - Percussion Ensemble **Credit Hours: 1**
- MUS 1010 - Music Forum **Credit Hours: 0**
- Music Restricted Elective **Credit Hours: 3**
- MUN 3XXX - Major Ensemble **Credit Hours: 1**
- Upper Level Music Theory Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

Junior Year - Spring (13 Credit Hours)

- MUH 3212 - Music History and Literature II **Credit Hours: 3**
- MUL 3463 - Percussion Literature **Credit Hours: 2**
- MVP 3431 - Percussion III **Credit Hours: 2-3**

- MUS 1010 - Music Forum **Credit Hours: 0**
- MUN 3443 - Percussion Ensemble **Credit Hours: 1**
- MUS 3953 - Recital Performance I **Credit Hours: 0**
- Music Restricted Elective **Credit Hours: 3**
- MUN 3XXX - Major Ensemble **Credit Hours: 1**

Senior Year - Fall (13 Credit Hours)

- MVP 4441 - Percussion IV **Credit Hours: 4**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MVP 3630 - Percussion Pedagogy **Credit Hours: 2**
- MUN 3XXX - Major Ensemble **Credit Hours: 1**
- Music Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

Senior Year - Spring (14 Credit Hours)

- MVP 4441 - Percussion IV **Credit Hours: 4**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUS 4954 - Recital Performance II **Credit Hours: 0**
- MUN 3XXX - Major Ensemble **Credit Hours: 1**
- Music Restricted Elective **Credit Hours: 1**
- Music Elective **Credit Hours: 2**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Program C: Piano

Freshman Year - Fall (14 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- MUL 2720 - Music of the World **Credit Hours: 3**
- MUT 1121 - Music Theory and Musicianship I **Credit Hours: 4**
- MVK 1111 - Class Piano I **Credit Hours: 1**
- MUN 3453 - Piano Ensemble **Credit Hours: 1**
- MVK 1411 - Piano I **Credit Hours: 2**
- MUS 1010 - Music Forum **Credit Hours: 0**

Freshman Year - Spring (17 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- MUT 1122 - Music Theory and Musicianship II **Credit Hours: 4**
- MUN 3453 - Piano Ensemble **Credit Hours: 1**
- MVK 1112 - Class Piano II **Credit Hours: 1**
- MUS 2360C - Introduction to Music Technology **Credit Hours: 3**
- MVK 1411 - Piano I **Credit Hours: 2**

- MUS 1010 - Music Forum **Credit Hours: 0**
- GEP **Credit Hours: 3**

Sophomore Year - Fall (16 Credit Hours)

- MUT 2126 - Music Theory and Musicianship III **Credit Hours: 4**
- MVK 2121 - Class Piano III **Credit Hours: 1**
- MUG 3104 - Basic Conducting **Credit Hours: 2**
- MUN 3453 - Piano Ensemble **Credit Hours: 1**
- MVK 2421 - Piano II **Credit Hours: 2**
- MUS 1010 - Music Forum **Credit Hours: 0**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Sophomore Year - Spring (14 Credit Hours)

- MUT 2127 - Music Theory and Musicianship IV **Credit Hours: 4**
- MVK 2122 - Class Piano IV **Credit Hours: 1**
- MUN 3453 - Piano Ensemble **Credit Hours: 1**
- MVK 2421 - Piano II **Credit Hours: 2**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUH 3633 - Music in the United States **Credit Hours: 3**
- Professional Sequence Entrance Review
- GEP **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- MUH 3211 - Music History and Literature I **Credit Hours: 3**
- MVK 3431 - Piano III **Credit Hours: 2-3**
- MUN 3453 - Piano Ensemble **Credit Hours: 1**
- MUL 3400 - Piano Literature I **Credit Hours: 2**
- MUS 1010 - Music Forum **Credit Hours: 0**
- Upper Level Music Theory Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- MUH 3212 - Music History and Literature II **Credit Hours: 3**
- MUS 3953 - Recital Performance I **Credit Hours: 0**
- MVK 3431 - Piano III **Credit Hours: 2-3**
- MUN 3453 - Piano Ensemble **Credit Hours: 1**
- MUL 3401 - Piano Literature II **Credit Hours: 2**
- MUS 1010 - Music Forum **Credit Hours: 0**
- Music Restricted Elective **Credit Hours: 3**
- Music Restricted Elective **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

-
- MVK 4441 - Piano IV **Credit Hours: 4**
 - MUN 3453 - Piano Ensemble **Credit Hours: 1**
 - MVK 4640 - Piano Pedagogy I **Credit Hours: 2**
 - MUS 1010 - Music Forum **Credit Hours: 0**
 - Music Elective **Credit Hours: 2**
 - GEP **Credit Hours: 3**
 - GEP **Credit Hours: 3**

Senior Year - Spring (14 Credit Hours)

- MUS 4954 - Recital Performance II **Credit Hours: 0**
- MUN 3453 - Piano Ensemble **Credit Hours: 1**
- MVK 4441 - Piano IV **Credit Hours: 4**
- MUS 1010 - Music Forum **Credit Hours: 0**
- Music Restricted Elective **Credit Hours: 3**
- Music Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

Program D: Guitar

Freshman Year - Fall (14 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- MUL 2720 - Music of the World **Credit Hours: 3**
- MUT 1121 - Music Theory and Musicianship I **Credit Hours: 4**
- MVK 1111 - Class Piano I **Credit Hours: 1**
- MUN 3487 - Guitar Ensemble **Credit Hours: 1**
- MVS 1416 - Guitar I **Credit Hours: 2**
- MUS 1010 - Music Forum **Credit Hours: 0**

Freshman Year - Spring (17 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- MUT 1122 - Music Theory and Musicianship II **Credit Hours: 4**
- MVK 1112 - Class Piano II **Credit Hours: 1**
- MUS 2360C - Introduction to Music Technology **Credit Hours: 3**
- MVS 1416 - Guitar I **Credit Hours: 2**
- MUN 3487 - Guitar Ensemble **Credit Hours: 1**
- MUS 1010 - Music Forum **Credit Hours: 0**
- GEP **Credit Hours: 3**

Sophomore Year - Fall (16 Credit Hours)

- MUT 2126 - Music Theory and Musicianship III **Credit Hours: 4**

- MVK 2121 - Class Piano III **Credit Hours: 1**
- MUG 3104 - Basic Conducting **Credit Hours: 2**
- MUN 3487 - Guitar Ensemble **Credit Hours: 1**
- MVS 2426 - Guitar II **Credit Hours: 2**
- MUS 1010 - Music Forum **Credit Hours: 0**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Sophomore Year - Spring (14 Credit Hours)

- MUT 2127 - Music Theory and Musicianship IV **Credit Hours: 4**
- MVK 2122 - Class Piano IV **Credit Hours: 1**
- MUH 3633 - Music in the United States **Credit Hours: 3**
- MUN 3487 - Guitar Ensemble **Credit Hours: 1**
- MVS 2426 - Guitar II **Credit Hours: 2**
- MUS 1010 - Music Forum **Credit Hours: 0**
- Professional Sequence Entrance Review
- GEP **Credit Hours: 3**

Junior Year - Fall (16 Credit Hours)

- MUH 3211 - Music History and Literature I **Credit Hours: 3**
- MVS 3436 - Guitar III **Credit Hours: 2-3**
- MUN 3487 - Guitar Ensemble **Credit Hours: 1**
- MUS 1010 - Music Forum **Credit Hours: 0**
- Music Restricted Elective **Credit Hours: 3**
- Upper Level Music Theory Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

Junior Year - Spring (13 Credit Hours)

- MUH 3212 - Music History and Literature II **Credit Hours: 3**
- MUS 3953 - Recital Performance I **Credit Hours: 0**
- MUL 4437 - String Literature and Pedagogy **Credit Hours: 3**
- MVS 3436 - Guitar III **Credit Hours: 2-3**
- MUN 3487 - Guitar Ensemble **Credit Hours: 1**
- MUS 1010 - Music Forum **Credit Hours: 0**
- Music Restricted Elective **Credit Hours: 3**

Senior Year - Fall (16 Credit Hours)

- MVS 4346 - Guitar IV **Credit Hours: 4**
- MUN 3487 - Guitar Ensemble **Credit Hours: 1**
- MUS 1010 - Music Forum **Credit Hours: 0**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Music Restricted Elective **Credit Hours: 3**
- Music Elective **Credit Hours: 2**

Senior Year - Spring (14 Credit Hours)

- MVS 4346 - Guitar IV **Credit Hours: 4**
- MUS 4954 - Recital Performance II **Credit Hours: 0**
- MUN 3487 - Guitar Ensemble **Credit Hours: 1**
- MUS 1010 - Music Forum **Credit Hours: 0**
- GEP **Credit Hours: 3**
- Music Restricted Elective **Credit Hours: 3**
- Music Elective **Credit Hours: 3**

Program E: Voice

Freshman Year - Fall (15 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- MUL 2720 - Music of the World **Credit Hours: 3**
- MUT 1121 - Music Theory and Musicianship I **Credit Hours: 4**
- MVK 1111 - Class Piano I **Credit Hours: 1**
- MVV 1411 - Voice I **Credit Hours: 2**
- MUS 1250 - IPA for Singers **Credit Hours: 1**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUN 3XXX - Major Ensemble **Credit Hours: 1**

Freshman Year - Spring (16 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- MUT 1122 - Music Theory and Musicianship II **Credit Hours: 4**
- MVK 1112 - Class Piano II **Credit Hours: 1**
- MUS 2360C - Introduction to Music Technology **Credit Hours: 3**
- MVV 1411 - Voice I **Credit Hours: 2**
- MUS 3255 - German and English Lyric Diction **Credit Hours: 2**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUN 3XXX - Major Ensemble **Credit Hours: 1**

Sophomore Year - Fall (16 Credit Hours)

- MUT 2126 - Music Theory and Musicianship III **Credit Hours: 4**
- MVK 2121 - Class Piano III **Credit Hours: 1**
- MUG 3104 - Basic Conducting **Credit Hours: 2**
- MVV 2421 - Voice II **Credit Hours: 2**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUN 3XXX - Major Ensemble **Credit Hours: 1**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Sophomore Year - Spring (16 Credit Hours)

- MUT 2127 - Music Theory and Musicianship IV **Credit Hours: 4**
- MVK 2122 - Class Piano IV **Credit Hours: 1**
- MUH 3633 - Music in the United States **Credit Hours: 3**
- MVV 2421 - Voice II **Credit Hours: 2**
- MUS 3254 - Italian and French Lyric Diction **Credit Hours: 2**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MUN 3XXX - Major Ensemble **Credit Hours: 1**
- Professional Sequence Entrance Review
- GEP **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- MUH 3211 - Music History and Literature **Credit Hours: 3**
- MVV 3431 - Voice III **Credit Hours: 2-3**
- MUS 1010 - Music Forum **Credit Hours: 0**
- Foreign Language Elementary Level I (FRE, GER, or ITA) **Credit Hours: 4**
- MUN 3XXX - Major Ensemble **Credit Hours: 1**
- MUN XXXX - Minor Ensemble **Credit Hours: 1**
- Upper Level Music Theory Elective **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- MUH 3212 - Music History and Literature II **Credit Hours: 3**
- MUS 3953 - Recital Performance I **Credit Hours: 0**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MVV 3431 - Voice III **Credit Hours: 2-3**
- GEP **Credit Hours: 3**
- Foreign Language Elementary Level II (FRE, GER, or ITA) **Credit Hours: 4**
- MUN 3XXX - Major Ensemble **Credit Hours: 1**
- MUN XXXX - Minor Ensemble **Credit Hours: 1**

Senior Year - Fall (13 Credit Hours)

- MVV 4640 - Voice Pedagogy **Credit Hours: 2**
- MUS 1010 - Music Forum **Credit Hours: 0**
- MVV 4441 - Voice IV **Credit Hours: 4**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- MUN 3XXX - Major Ensemble **Credit Hours: 1**

Senior Year - Spring (14 Credit Hours)

- MUL 3602 - Song Literature **Credit Hours: 3**

- MUS 1010 - Music Forum **Credit Hours: 0**
- MUS 4954 - Recital Performance II **Credit Hours: 0**
- MVV 4441 - Voice IV **Credit Hours: 4**
- GEP **Credit Hours: 3**
- GEP b
- MUN 3XXX - Major Ensemble Credit Hours: 1

Performing Arts Administration Minor

College

College of Arts and Humanities

Department

Department of Music

Program Type

Minor

Program Contact Information

College of Arts and Humanities
Department of Music
Performing Arts Center (PAC) M203
 407-823-2869
ucfmusic@ucf.edu

Academic Advisor II: Lauren Becker
 407-823-2758
 Lauren.Becker@ucf.edu

Program Description

Music & Theatre majors or other majors with experience/passion for the performing arts, admitted by an interview/portfolio review.

Degree Requirements

Minor Admission Requirements

6 Total Credits

- Complete all of the following
 - Complete at least 1 of the following:
 - MUL2010 - Enjoyment of Music (3)
 - MUL2014 - Introduction to Music History and Literature (3)
 - Complete the following:
 - THE2050 - Theatre Studies in Creative Drama (3)

Required Courses

15 Total Credits

- Complete all of the following
 - The internship will be a capstone experience taking an average of ten hours per week. Students are responsible for securing an internship position, which may be paid or unpaid, on- or off-campus, with qualifying performing arts organization. Students will secure approval for internship positions and responsibilities from the department curriculum committee.
 - Complete the following:
 - ACG2021 - Principles of Financial Accounting (3)
 - PAD4144 - Nonprofit Organizations (3)
 - TPA4400 - Theatre Management (3)
 - MUS4320 - Music Business and Industry (3)

Internship

- Earn at least 3 credits from the following types of courses:
THE 4941- Internship Credit Hours: 3

Restricted Electives

9 Total Credits

- Complete all of the following
 - Select three courses, one from each of the three different areas.
Finance & Budgeting
 - Complete at least 1 of the following:
 - FIN2100 - Personal Finance and Investments (3)
 - ECO2023 - Principles of Microeconomics (3)
 - ACG2071 - Principles of Managerial Accounting (3)
 - Management
 - Complete at least 1 of the following:
 - MAR3023 - Marketing (3)
 - MAN3025 - Management of Organizations (3)
 - Nonprofit Sector
 - Complete at least 1 of the following:
 - PAD4148 - Volunteer Management (3)
 - PAD4147 - Resource Development in the Nonprofit Sector (3)
 - PAD3003 - Public Administration in American Society (3)

Grand Total Credits: **30**

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 30

Other Requirements

- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades below "C" (2.0) are not accepted
- At least 15 hours in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.

Philosophy (B.A.)

College

College of Arts and Humanities

Department

Department of Philosophy

Program Type

Major

Program Contact Information

College of Arts and Humanities

Philosophy Department

Psychology Building (PSY) 220

407-823-2273

Philosophy@ucf.edu

Program Director, Philosophy B.A. & Assistant Professor: Dr. Don Jones
donjones@ucf.edu

Program Description

The B.A. program in Philosophy aims to provide students with the theoretical skills and knowledge to engage with the complex issues of our time. It centers on the principles of knowledge, responsibility, and society, and it provides students with opportunities to investigate the connections between intellectual pursuits and moral and public virtue.

Admission Requirements

- None

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students must earn at least a "C" (2.0) in each required course.
- Co-op or internship credit cannot be used in this major without prior departmental approval.
- Students should consult with a departmental advisor.
- Departmental Residency Requirement consists of at least 18 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF Philosophy Department.
- Courses designated in General Education Program and Common Program Prerequisites are usually completed in the first 60 hours.

General Education (GEP)

Communication Foundations

9 Total Credits

- Earn at least 9 credits from the following course sets:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

Cultural & Historical Foundations

9 Total Credits

- Complete all of the following
 - Required:
 - Complete the following:
 - PHI2010 - Introduction to Philosophy (3)
 - Complete at least 2 of the following:
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - REL2300 - World Religions (3)

Mathematical Foundations

6 Total Credits

No Rules

Math

3 Total Credits

- Complete 1 of the following
 - Suggested:
 - Complete the following:
 - MGF1106 - Finite Mathematics (3)
 - Or
 - Complete the following:
 - MGF1107 - Explorations in Mathematics (3)
 - You may substitute a higher level math with appropriate scores on the Math Placement Exam.

Statistics - Computers

3 Total Credits

- Complete at least 1 courses from the following:
GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Suggested:
 - Complete the following:
 - AMH2020 - U.S. History: 1877-Present (3)
 - Complete at least 1 courses from the following:
GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36**

Degree Requirements

Core Requirements: Basic Level

9 Total Credits

- Complete all of the following
 - Complete the following:
 - PHI2010 - Introduction to Philosophy (3)
 - Complete at least 2 of the following:
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - REL2300 - World Religions (3)

Core Requirements: Advanced Level

36 Total Credits

No Rules

Core

6 Total Credits

- Complete all of the following
 - Complete the following:
 - PHI3083 - Research Methods in Philosophy (3)
 - PHI4938 - Senior Research Seminar (3)
 - PHI 3083- To be completed before the end of Junior year as a prerequisite to enrollment in Senior courses.

Reasoning

6 Total Credits

- Complete at least 2 of the following:
 - PHI2011 - Philosophical Reasoning (3)
 - PHI2101 - Formal Logic I (3)
 - PHI2108 - Critical Thinking (3)
 - PHI2647 - Logic and Ethics (3)
 - PHI3131 - Formal Logic II (3)

History of Philosophy

9 Total Credits

- Complete all of the following
 - Complete at least 2 of the following:
 - PHH3100 - Ancient Philosophy (3)
 - PHH3200 - Medieval Philosophy (3)
 - PHH3460 - Modern Western Philosophy (3)
 - Complete at least 1 of the following:
 - PHH3600 - Contemporary Philosophy (3)
 - PHH3510 - Marx and Nietzsche (3)
 - PHH3700 - American Philosophy (3)
 - PHI3790 - African Philosophy (3)

Values and Society

6 Total Credits

- Complete at least 2 of the following:
 - PHI3670 - Ethical Theory (3)
 - PHI3626 - Advanced Ethics in Science and Technology (3)
 - PHM3401 - Philosophy of Law (3)
 - PHI3800 - Aesthetics (3)
 - PHM3123 - Feminist Theories (3)
 - PHI3638 - Ethical Issues in the 21st Century (3)
 - PHI3625 - Virtual Ethics (3)
 - PHI4633 - Ethics and Biological Science (3)
 - PHM3100 - Freedom and Justice (3)
 - PHI3640 - Environmental Ethics (3)

- PHM4031 - Environmental Philosophy (3)
- PHH3701 - Native American Philosophy (3)
- PHM3020 - Philosophy of Love (3)
- PHI4673 - Medical Ethics (3)
- HUM4823 - Queer Theory in the Humanities (3)

Being and Knowing

6 Total Credits

- Complete at least 2 of the following:
 - PHI4500 - Metaphysics (3)
 - PHI4341 - Ways of Knowing (3)
 - PHI4300 - Theories of Knowledge (3)
 - PHI3700 - Philosophy of Religion (3)
 - PHI4400 - Philosophy of Science (3)
 - PHI3320 - Philosophy of Mind (3)
 - PHI3451 - Philosophy of Psychology (3)
 - PHI4420 - Philosophy of Social Science (3)
 - PHI3323 - Minds and Machines: Philosophy of Cognitive Science (3)
 - PHP4782 - Phenomenology (3)
 - PHI4221 - Philosophy of Language (3)

Topics in Philosophy

3 Total Credits

- Complete all of the following
 - Appropriate Special Topics in Philosophy may be substituted for some core courses with prior approval by Departmental advisor.
 - Complete at least 1 of the following:
 - PHI4931 - Philosophy in the News (3)
 - PHI4321 - Philosophies of Embodiment: Mind/Body/Self (3)
 - PHI3033 - Philosophy, Religion, and the Environment (3)
 - PHP3783 - Modernity as a Philosophical Problem (3)
 - PHI3750 - The Problem of Evil (3)
 - PHI3720 - Faith and Reason (3)
 - REL3111 - Religion and Philosophy Through Film (3)
 - PHP3786 - Existentialism (3)
 - HUM4330 - Performance Theory (3)
 - PHI4935 - Topics in Philosophy of Mind (3)
 - PHP4933 - Key Concepts in Philosophy (3)
 - PHP4931 - Key Figures in Philosophy (3)

Restricted Electives

6 Total Credits

- Complete all of the following
 - Earn at least 6 credits from the following types of courses:
approved courses in Philosophy or related areas, subject to approval by Departmental advisor.
 - A list of approved restricted elective courses is found in the myKnight audit.

Grand Total Credits: **51**

Program Details

Capstone Requirements

-
- None

Electives

- Select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the department.

Foreign Language Requirements

Admissions

- Met by graduation requirement.

Graduation

- Proficiency equivalent to one year of college instruction in a foreign language taught by the Department of Modern Languages and Literatures or the Department of History (Hebrew). Standardized examinations for foreign languages may be used to meet the requirement. Majors who are contemplating graduate school should complete two years of a foreign language, preferably one functional in their area of proposed graduate interest.

Additional Requirements

- Signature Experience requirement is met by successful completion of the following course(s):
- PHI 4938 - Senior Research Seminar **Credit Hours: 3**

Required Minors

- None

Departmental Exit Requirements

- Earn a "C" (2.0) or better in each required course.
- Departmental Exit Exam in final semester, included in PHI 4938 - Senior Research Seminar
- To avoid delaying graduation, you must request a review of requirements prior to registering for your last term.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Honors In Major

- Students considering graduate school in philosophy are strongly encouraged to take Honors in the Major. Requirements are as follows:

Core Requirements (36 Credit Hours)

Same requirements as for regular majors, but must include the following:

- PHI 2101 - Formal Logic I **Credit Hours: 3**

Upper Division Restricted Electives (6 Credit Hours)

- Same as requirement for regular majors

Honors Thesis

- PHI 4903H - Honors Directed Reading I **Credit Hours: 3**
- PHI 4970H - Undergraduate Honors Thesis **Credit Hours: 3**

Additional Information

Additional Requirements

- Application and admission through the Philosophy Honors Coordinator and the Burnett Honors College.
- Fulfill University requirements for Honors in the Major.
- Maintain UCF GPA of at least 3.2 and a Philosophy GPA of at least 3.5.
- Successful completion and oral defense of Honors thesis.
- Earn a "B" (3.0) or better in both of the following courses:
 - PHI 4903H - Honors Directed Reading I **Credit Hours: 3**
 - PHI 4970H - Undergraduate Honors Thesis **Credit Hours: 3**

Related Programs

- Humanities and Cultural Studies (B.A.)
- Religion and Cultural Studies (B.A.)

Certificates

- None

Related Minors

- Cognitive Sciences Minor
- Environmental Studies Minor
- Humanities and Cultural Studies Minor
- Religion and Cultural Studies Minor
- Women's and Gender Studies Minor

Advising Notes

- None

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oegas.ucf.edu/alc/academic_learning_compacts.htm

Plan of Study

- One of numerous possible plans of study. See program description for all requirements.

Freshman Year - Fall (16 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3**
- HUM 2210 or HUM 2230 **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Foreign Language Elementary I **Credit Hours: 4**

Freshman Year - Spring (16 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- Select one: HUM 2210, HUM 2230, HUM 2020, or REL 2300 **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Foreign Language Elementary II **Credit Hours: 4**

Sophomore Year - Fall (15 Credit Hours)

- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- GEP **Credit Hours: 3**
- Reasoning Elective **Credit Hours: 3**
- History of Philosophy Part I Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- PHI 3083 - Research Methods in Philosophy **Credit Hours: 3**
- Reasoning Elective **Credit Hours: 3**
- Values & Society Elective **Credit Hours: 3**
- Being & Knowing Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- Topics in Philosophy Elective **Credit Hours: 3**
- History of Philosophy Part I Elective **Credit Hours: 3**
- Values & Society Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- History of Philosophy Part II Elective **Credit Hours: 3**
- Being & Knowing Elective **Credit Hours: 3**
- Philosophy Restricted Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- PHI 4938 - Senior Research Seminar **Credit Hours: 3**
- Philosophy Restricted Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- Elective **Credit Hours: 4**

Philosophy Minor

College

College of Arts and Humanities

Department

Department of Philosophy

Program Type

Minor

Program Contact Information

**College of Arts and Humanities
Philosophy Department
Psychology Building (PSY) 220
407-823-2273
Philosophy@ucf.edu**

Program Director, Philosophy B.A. & Assistant Professor: Dr. Don Jones

donjones@ucf.edu

Program Description

The Philosophy minor is intended to provide a limited, yet substantive, introduction to philosophical themes related to knowledge, responsibility, and society. Students, in consultation with a departmental advisor, will select courses in accordance with the distributions listed below.

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Required Courses

15 Total Credits

- Complete all of the following
 - Select one course from each of the following groups:
Reasoning
 - Complete at least 1 of the following:
 - PHI2011 - Philosophical Reasoning (3)
 - PHI2101 - Formal Logic I (3)
 - PHI2647 - Logic and Ethics (3)
 - PHI3131 - Formal Logic II (3)
 - PHI2108 - Critical Thinking (3)
 - History of Philosophy
 - Complete at least 1 of the following:
 - PHH3100 - Ancient Philosophy (3)
 - PHH3200 - Medieval Philosophy (3)
 - PHH3460 - Modern Western Philosophy (3)
 - PHH3600 - Contemporary Philosophy (3)
 - Values and Society
 - Complete at least 1 of the following:
 - PHI3670 - Ethical Theory (3)
 - PHI3626 - Advanced Ethics in Science and Technology (3)
 - PHM3401 - Philosophy of Law (3)

- PHI3800 - Aesthetics (3)
- PHM3123 - Feminist Theories (3)
- PHI3638 - Ethical Issues in the 21st Century (3)
- PHI3625 - Virtual Ethics (3)
- PHI4633 - Ethics and Biological Science (3)
- PHM3100 - Freedom and Justice (3)
- PHI3640 - Environmental Ethics (3)
- PHM4031 - Environmental Philosophy (3)
- PHH3460 - Modern Western Philosophy (3)
- PHM3100 - Freedom and Justice (3)
- PHI4673 - Medical Ethics (3)

Being and Knowing

- Complete at least 1 of the following:
 - PHI4500 - Metaphysics (3)
 - PHI4341 - Ways of Knowing (3)
 - PHI4300 - Theories of Knowledge (3)
 - PHI3700 - Philosophy of Religion (3)
 - PHI4400 - Philosophy of Science (3)
 - PHI3320 - Philosophy of Mind (3)
 - PHI3320 - Philosophy of Mind (3)
 - PHI3451 - Philosophy of Psychology (3)
 - PHI4420 - Philosophy of Social Science (3)
 - PHI3323 - Minds and Machines: Philosophy of Cognitive Science (3)
 - PHP4782 - Phenomenology (3)
 - PHI4221 - Philosophy of Language (3)

Topics in Philosophy

- Complete at least 1 of the following:
 - PHI4931 - Philosophy in the News (3)
 - PHI4321 - Philosophies of Embodiment: Mind/Body/Self (3)
 - PHI3033 - Philosophy, Religion, and the Environment (3)
 - PHP3783 - Modernity as a Philosophical Problem (3)
 - PHI3750 - The Problem of Evil (3)
 - PHI3720 - Faith and Reason (3)
 - REL3111 - Religion and Philosophy Through Film (3)
 - PHP3786 - Existentialism (3)
 - PHP4933 - Key Concepts in Philosophy (3)
 - PHP4931 - Key Figures in Philosophy (3)

Restricted Electives

3 Total Credits

- Complete all of the following
 - Earn at least 3 credits from the following types of courses:
One additional course from any of the courses listed above.
 - Note: Appropriate Special Topics in Philosophy may be substituted for some core courses with prior approval by departmental advisor.
 - A list of approved restricted elective courses is found in the myKnight audit.

Foreign Language Requirements

0 Total Credits

- None

Grand Total Credits: **18**

Program Details

Other Requirements

- A grade of "C" (2.0) or better is required in all courses used to satisfy the minor.
- At least 15 hours used in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor without approval by the Chair.
- Any substitutions must be approved by the department prior to being taken.

Photography (B.S.)

College

College of Arts and Humanities

Department

School of Visual Arts and Design

Program Type

Major

Program Contact Information

College of Arts and Humanities

School of Visual Arts and Design

(This program is offered by UCF at the Daytona Beach Campus.)

407-823-2676

SVAD@ucf.edu

Program Coordinator, BS in Photography & Senior Lecturer: Steven C. Spencer

steven.spencer@ucf.edu

386-506-4093

Program Description

This 2+2 degree program is offered by UCF on the Daytona Beach Campus. The B.S. in Photography degree prepares students for professional practice with strong technical, creative and critical skills.

Photography is also available as an area of specialization on the Orlando campus through the School of Visual Arts and Design (SVAD) as part of the Art, Studio Track (B.A.) and Studio Art (B.F.A.) programs.

As part of the program, some courses study the form and proportion of the human figure. Nude models are used as reference.

Admission Requirements

- Completion of an A.S. in Photographic Technology from Daytona State College or equivalent coursework.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Departmental Residency Requirement consists of at least 36 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF School of Visual Arts and Design
- Students must earn at least a "C" (2.0) in each required upper level course and achieve an overall GPA of at least 2.0
- Upper-division electives, internship credit, and course substitutions must be approved by the program coordinator.
- Students should consult with a Photography advisor before selecting this major, and at least once per semester thereafter.

General Education (GEP)

36 Total Credits

- Complete all of the following
 - Students who have not satisfied General Education Requirements before transferring will complete the remaining courses at UCF. The specific courses will depend on the general education courses completed as part of the articulated A.S. and will come from the following areas:
Communication Foundations
 - Complete all of the following
 - *ENC 1101 - Composition I- If not already completed as part of the A.S. degree, after acceptance into the program.
 - Complete the following:
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Earn at least 3 credits from the following types of courses:
SPC 2600 - Speech (A.S.)
 - Cultural and Historical Foundations
 - Complete all of the following
 - Earn at least 9 credits from the following course sets:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)

- LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - ARH 2050 - History of Western Art I (Required)
 - ARH 2051 - History of Western Art II (Required)
 - *If not already completed as part of the A.S. degree, after acceptance into the program.
- Mathematical Foundations
- Complete all of the following
 - If not already completed as part of the A.S. degree, after acceptance into the program.
 - MAC 1105C- Required
 - Complete the following:
 - MAC1105C - College Algebra (3)
 - Earn at least 3 credits from the following types of courses:
 - MGF 2106 - College Mathematics Credit Hours: 3 or
 - MGF 2107 - Mathematics for Liberal Arts Credit Hours: 3 or
 - Computer Science or Statistics Credit Hours: 3
- Social Foundations
- Complete all of the following
 - If not already completed as part of the A.S. degree, after acceptance into the program.
 - Complete the following:
 - AMH2020 - U.S. History: 1877-Present (3)
 - Earn at least 3 credits from the following types of courses:
 - Psychology or Sociology
- Science Foundations
- Complete all of the following
 - Earn at least 3 credits from the following types of courses:
 - Physical Science
 - Earn at least 3 credits from the following types of courses:
 - Life Science

Grand Total Credits: **36**

Common Program Prerequisites (CPP) (If applicable)

3 Total Credits

- Complete all of the following
 - (Included in A.S. or B.S. requirements.)
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information.
 - Subject to change. Prerequisites have not been set by the state.
 - Complete at least 1 of the following:
 - ARH2051 - History of Western Art II (3)
 - PGY3651C - Narrative Photography (3)
 - (PGY 3651C- Already included in B.S. requirements.)
 - PGY 1800 - Photography and Image Making (Already included in A.S. requirements.)

Grand Total Credits: **3**

Degree Requirements

Core Requirements: Basic Level
49 Total Credits

- Earn at least 49 credits from the following types of courses:
Completed A.S. in Photographic Technology at Daytona State College, or equivalent coursework

Core Requirements: Advanced Level
30 Total Credits

- Earn at least 30 credits from the following:
 - ARH3710 - History of Photography I (3)
 - PGY3002 - Contemporary Photography (3)
 - PGY3205C - Photographic Lighting Techniques (3)
 - PGY3276 - The Professional Environment (3)
 - PGY3472C - Photo Visualization (3)
 - PGY3653C - Advanced Editorial Photography (3)
 - PGY3751C - Videography (3)
 - PGY3821C - Advanced Digital Printing (3)
 - PGY4003 - Image, Culture, and Society (3)
 - PGY4228C - Advanced Illustrative Photography (3)

Restricted Electives
6 Total Credits

- Complete all of the following
 - Complete at least 2 of the following:
 - PGY3451C - Alternative Processes (3)
 - PGY3480 - Museum and Gallery Practices (3)
 - PGY4235C - Professional Photographic Workshop (3)
 - PGY4493C - Photography and Art (3)
 - PGY 4941 - Internship Credit Hours: 3

Capstone Requirements
3 Total Credits

- Complete the following:
 - PGY4471C - Photography Thesis (3)

Grand Total Credits: **88**

Program Details

Electives

- None

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- Signature Experience requirement is met by successful completion of the following course(s):
- PGY 4471C - Photography Thesis **Credit Hours: 3**

Required Minors

- None

Departmental Exit Requirements

- Achieve at least a "C" or better in all courses used to satisfy major requirements.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 127

Additional Information

Honors In Major

- Students interested in completing Honors in the Major should contact their program advisor. More information about Honors in the Major can be found at <http://research.honors.ucf.edu/honors-in-the-major>. Up to 6 hours can be used toward SVAD restricted electives and must be completed through SVAD.

Related Programs

- None

Certificates

- None

Related Minors

- Journalism Minor
- Business Minor

- Creative Writing Minor

Advising Notes

- <http://svad.cah.ucf.edu/bsphotography>

Transfer Notes

- Students transferring from any Florida public institution with an A.A. degree or with general education program (GEP) requirements of that institution met have thereby satisfied UCF GEP requirements.
- Lower division courses do not substitute for upper division courses.
- Transfer courses must be evaluated for equivalency credit and/or for use in the area by the department. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses

- Acceptable substitutes for General Education and Common Program Prerequisites will be determined by the School of Visual Arts and Design and the University.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: <https://oeas.ucf.edu/about/academiclearningcompacts/>

Equipment Fees

- Part-Time Student: \$45 per term
- Full-Time Student: \$90 per term

Plan of Study

Freshman Year - Fall

- Daytona State College - Photographic Technology AS Degree Program or equivalent coursework

Freshman Year - Spring

- Daytona State College - Photographic Technology AS Degree Program or equivalent coursework

Freshman Year - Summer

- Daytona State College - Photographic Technology AS Degree Program or equivalent coursework

Sophomore Year - Fall

- Daytona State College - Photographic Technology AS Degree Program or equivalent coursework

Sophomore Year - Spring

- Daytona State College - Photographic Technology AS Degree Program or equivalent coursework

Junior Year - Fall (15 Credit Hours)

- PGY 3751C - Videography **Credit Hours: 3**
- PGY 3821C - Advanced Digital Printing **Credit Hours: 3**
- PGY 3472C - Photo Visualization **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- PGY 3651C - Narrative Photography **Credit Hours: 3**
- PGY 3205C - Photographic Lighting Techniques **Credit Hours: 3**
- PGY 3002 - Contemporary Photography **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Junior Year - Summer (3 Credit Hours)

- ARH 3710 - History of Photography I **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- PGY 3276 - The Professional Environment **Credit Hours: 3**
- PGY 3653C - Advanced Editorial Photography **Credit Hours: 3**
- PGY 4003 - Image, Culture, and Society **Credit Hours: 3**
- PGY 4228C - Advanced Illustrative Photography **Credit Hours: 3**
- GEP **Credit Hours: 3**

Senior Year - Spring (15 Credit Hours)

- PGY 4471C - Photography Thesis **Credit Hours: 3**
- PGY Restricted Elective **Credit Hours: 3**
- PGY Restricted Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Pre-Law in the Humanities Minor

College

College of Arts and Humanities

Department

Department of History

Program Type

Minor

Program Contact Information

College of Arts and Humanities

History Department

Trevor Colbourn Hall (TCH), 319

407-823-2225

history@ucf.edu

Senior Instructor: Patricia Farless

Patricia.Farless@ucf.edu

Program Description

Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- Students are responsible for meeting any prerequisites for the courses in the minor or for obtaining course instructor permission if prerequisites are not met.

Degree Requirements

Required Courses

6 Total Credits

- Complete at least 2 of the following:
 - AMH3558 - History of American Law (3)
 - ENC3314 - Writing and Rhetoric Foundations (3)
 - LIT3933 - Literature and Law (3)
 - PHI2101 - Formal Logic I (3)

Grand Total Credits: **6**

Program Details

Restricted Electives (12 Credit Hours)

A list of approved restricted elective courses is found in the myKnight audit.

Select 4 additional Pre-Law Humanities minor courses from the list below. Students may select from the 2 courses not chosen above.

English

- ENC 4312 - Theory & Practice Persuasive Writing **Credit Hours: 3**
- LIN 4801 - Language and Meaning **Credit Hours: 3**
- LIT 3437 - International Environmental Justice Literature **Credit Hours: 3**

History

- AMH 3560 - Women, Law, and Society in American History **Credit Hours: 3**
- EUH 4504 - English Legal History I **Credit Hours: 3**
- WOH 4272 - Age of Atlantic Revolutions 1763-1826 **Credit Hours: 3**
- WOH 4273 - Age of Atlantic Revolutions 1848-1920 **Credit Hours: 3**
- WOH 4430 - Law and Disorder: Piracy and Maritime Law in the Atlantic World **Credit Hours: 3**

Philosophy

- PHI 2108 - Critical Thinking **Credit Hours: 3**
- PHI 3131 - Formal Logic II **Credit Hours: 3**
- PHI 3670 - Ethical Theory **Credit Hours: 3**
- PHM 3401 - Philosophy of Law **Credit Hours: 3**
- REL 4178 - Religion and Law **Credit Hours: 3**

Writing and Rhetoric

- ENC 3250 - Professional Writing **Credit Hours: 3**
- ENC 3314 - Writing and Rhetoric Foundations **Credit Hours: 3**
- ENC 3315 - Argumentative Writing **Credit Hours: 3**
- ENC 3330 - Rhetorical Traditions **Credit Hours: 3**
- ENC 3373 - Cultural Rhetorics **Credit Hours: 3**

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

Other Requirements

- You may take a maximum of 6 hours from a single department.
- A grade of "C" (2.0) or better is required in each course used to satisfy the minor.
- At least 12 hours used in the minor must be earned at UCF within the College of Arts and Humanities.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor.

Public and Professional Writing Certificate

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

Program Type

Certificate

Program Contact Information

**College of Arts and Humanities
Writing and Rhetoric Department
Trevor Colbourn Hall (TCH) 165A
407-823-2295
writingandrhetoric@ucf.edu**

Program Director: Dr. Stephanie K. Wheeler

407-823-0745

stephanie.wheeler@ucf.edu

Program Advisor: Adele Richardson
407-823-0349
adele@ucf.edu

Program Description

The Certificate in Public and Professional Writing will provide students with additional training and experience in workplace and public (i.e., civic, community-based) writing.

Certificate Admission Requirements Transfer Notes

- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. Students must provide all appropriate documentation.

Certificate Requirements

- Students should work with a department academic advisor to select courses that support the students' intended career or post-graduation path.
- Students cannot earn both the Certificate in Public and Professional Writing and the Minor in Writing and Rhetoric.

Prerequisite Courses

- None

Degree Requirements

Required Courses

6 Total Credits

- Complete all of the following
 - Complete the following:
 - ENC3314 - Writing and Rhetoric Foundations (3)
 - Complete at least 1 of the following:
 - ENC3250 - Professional Writing (3)
 - ENC4212 - Professional Editing (3)
 - LIN3673 - Rhetorical Grammar (3)

Restricted Electives

6 Total Credits

- Complete all of the following
 - Earn at least 6 credits from the following types of courses:
Students must take any two 3000-4000 level courses taught by the department not restricted to the major or used to satisfy another requirement.
 - A list of approved restricted elective courses is found in the myKnight audit.

Grand Total Credits: **12**

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 12

Other Requirements

- Students must earn a minimum 2.5 GPA in all coursework used to satisfy the certificate.
- A grade of "C+" (2.25) or better is required in each course used to satisfy the certificate.
- At least 6 hours used to satisfy the certificate must be taken from the Writing and Rhetoric Department at UCF.

Religion and Cultural Studies (B.A.)

College

College of Arts and Humanities

Department

Department of Philosophy

Program Type

Major

Program Contact Information

College of Arts and Humanities
Philosophy Department
Psychology Building (PSY) 220
407-823-2273
philosophy@ucf.edu

Program Director of Religion & Cultural Studies: Dr. Christy Flanagan-Feddon

flanagan-feddon@ucf.edu

Is this program available 100% online?

Yes

UCF Online

Online Religion and Cultural Studies, BA

Program Description

Religion and Cultural Studies is a B.A. program designed to familiarize students with religious traditions around the world, from ancient through contemporary cultures, as well as to introduce students to critical theories and methods through which to view and analyze the category of religion and its associated concepts, practices, and meanings in all areas of life. The program emphasizes the academic study of religion and does not privilege any particular tradition or belief.

Religion and Cultural Studies (B.A.) may be completed fully online, although not all elective options or program prerequisites may be offered online. Newly admitted students choosing to complete this program exclusively via UCF online classes may enroll with a reduction in campus-based fees.

Admission Requirements

- None

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Co-op or internship credit cannot be used in this major without prior approval by the chair.
- Students must earn at least a "C" (2.0) in each required course.
- Students should consult with a departmental advisor.
- Departmental Residency Requirement consists of at least 18 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF Philosophy Department.
- Courses designated in General Education Program and Common Program Prerequisites are usually completed in the first 60 hours.
- No more than 3 courses (i.e. 9 credit hours) of 3000 or 4000 level courses applied to the B.A. in Religion and Cultural Studies may be simultaneously applied to fulfill another major.

General Education (GEP)

Communication Foundations

9 Total Credits

- Earn at least 9 credits from the following course sets:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

Cultural & Historical Foundations

9 Total Credits

- Complete all of the following
 - Required:

- Complete the following:
 - REL2300 - World Religions (3)
- Complete at least 1 of the following:
 - PHI2010 - Introduction to Philosophy (3)
 - HUM2020 - Encountering the Humanities (3)
- Complete at least 1 of the following:
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)

Mathematical Foundations

6 Total Credits

No Rules

Math:

3 Total Credits

- Complete all of the following
 - Suggested:
 - Complete at least 1 of the following:
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - You may substitute a higher level math with appropriate scores on the Math Placement Exam.

Statistics - Computers:

3 Total Credits

- Earn at least 3 credits from the following course sets:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Suggested:
 - Complete the following:
 - AMH2020 - U.S. History: 1877-Present (3)
 - Earn at least 3 credits from the following course sets:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)

- CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
- GEP 12- Science Foundation
- ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36**

Degree Requirements

Core Requirements: Basic Level

3 Total Credits

- Complete 1 of the following
 - Complete the following:
 - REL2300 - World Religions (3)
 - Complete at least 1 of the following:
 - PHI2010 - Introduction to Philosophy (3)
 - HUM2020 - Encountering the Humanities (3)
 - Complete at least 1 of the following:
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - Studying Religion and Culture
 - Complete the following:
 - REL2000 - Introduction to Religion and Cultural Studies (3)
 - GEP Courses : REL 2300, PHI 2010, HUM 2020, HUM 2210, HUM 2230

Core Requirements: Advanced Level

27 Total Credits

No Rules

Traditions

12 Total Credits

- Complete all of the following
 - Must select at least one course in each category from the Philosophy Department
 - Earn at least 3 credits from the following:
 - REL3403 - Christianity (3)
 - REL3363 - Islam (3)
 - REL3320 - Moses, Jesus and Muhammad (3)
 - REL3432 - Mysticism (3)
 - JST3401 - Jewish People in Antiquity (3)
 - Asian and Indigenous Traditions
 - Earn at least 3 credits from the following:
 - REL3340 - Buddhism (3)
 - REL3333 - Hinduism (3)
 - REL3123 - Asian Religions in America (3)

- ANT3245 - Native American Religions (3)
- Earn at least 6 credits from the following types of courses:
Abrahamic Traditions or Asian and Indigenous Traditions

Theories and Methods
15 Total Credits

- Complete all of the following
 - Must select one in each category
 - Religion
 - Earn at least 3 credits from the following:
 - REL4157 - Religion and Psychoanalysis (3)
 - PHI3700 - Philosophy of Religion (3)
 - PHI3720 - Faith and Reason (3)
 - REL4936 - Key Figures in Religion and Cultural Studies (3)
 - REL4496 - Key Concepts in Religion and Cultural Studies (3)
 - Cultural Studies
 - Earn at least 3 credits from the following:
 - HUM3805 - Critical Theory in the Humanities (3)
 - HUM3326 - Theories of Sex and Gender in Humanities (3)
 - HUM4459 - American Cultural Studies in Humanities (3)
 - HUM4823 - Queer Theory in the Humanities (3)
 - HUM4826 - Postcolonial Theory (3)
 - PHH3600 - Contemporary Philosophy (3)
 - Religion in Culture
 - Complete all of the following
 - Must select three from the following with at least one from the Philosophy Department:
 - Earn at least 9 credits from the following:
 - REL3101 - Religion in Popular Culture (3)
 - REL3111 - Religion and Philosophy Through Film (3)
 - REL3115 - Religion, Spirituality, and Popular Music (3)
 - REL3130 - Religion in America (3)
 - REL4110 - Religion and the Arts (3)
 - REL4180 - Religion and Medicine (3)
 - REL4178 - Religion and Law (3)
 - PHI3033 - Philosophy, Religion, and the Environment (3)
 - ANT3241 - Magic, Ritual, and Belief (3)
 - POT4632 - Religion and Politics (3)
 - SYO4200 - Religion in Society (3)

Restricted Electives
3 Total Credits

- Complete all of the following
 - Earn at least 3 credits from the following types of courses:
Any course from Traditions, Theories and Methods, or Religion in Culture not being used to satisfy those categories can be used here.
 - Note: Related courses may be substituted with consent of Religion and Cultural Studies advisor.
 - A list of approved restricted elective courses is found in the myKnight audit.

Capstone Requirements
3 Total Credits

- Complete the following:
 - REL4910 - Senior Research Seminar (3)

Grand Total Credits: **36**

Program Details

Electives

Select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the

department.

Foreign Language Requirements

Admissions

- Met by graduation requirement

Graduation

- Proficiency equivalent to one year of college instruction in a foreign language taught by the Department of Modern Languages and Literatures or the Department of History (Hebrew). Standardized examinations for foreign languages may be used to meet the requirement. Majors who are contemplating graduate school should complete two years of a foreign language, preferably one functional in their area of proposed graduate interest.

Additional Requirements

- Signature Experience requirement is met by successful completion of the following course(s):
- REL 4910 - Senior Research Seminar Credit Hours: 3

Required Minors

- None

Departmental Exit Requirements

- Earn a "C" (2.0) or better in each required course.
- To avoid delaying graduation, you must request a review of requirements prior to registering for your last term.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 48 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Honors In Major

- Students considering graduate school in Religion and Cultural Studies are strongly encouraged to take Honors in the Major.

Requirements are as follows:

Core, Elective Requirements, and Senior Seminar (36 Credit Hours)

- Same requirement as for regular majors

Honors Thesis (6 Credit Hours)

- REL 4903H - Honors Directed Readings I Credit Hours: 3
- REL 4970H - Undergraduate Honors Thesis Credit Hours: 3

Additional Information

Additional Requirements

- Application and admission through the Humanities Honors Coordinator and the Burnett Honors College.
- Fulfill University requirements for Honors in the Major.
- Maintain a UCF GPA of at least 3.2 and a Religion and Cultural Studies GPA of at least 3.5.
- Successful completion and oral defense of Honors Thesis.
- Earn a "B" (3.0) or better in both of the following:
 - REL 4903H - Honors Directed Readings I Credit Hours: 3
 - REL 4970H - Undergraduate Honors Thesis Credit Hours: 3

Related Programs

- Interdisciplinary Studies (B.A./B.S.)
- Philosophy (B.A.)
- Humanities and Cultural Studies (B.A.)

Certificates

- None

Related Minors

- Humanities and Cultural Studies Minor
- Judaic Studies Minor
- Philosophy Minor

Advising Notes

- None

Transfer Notes

Lower division courses do not substitute for upper division courses.

- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at:
 - http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Plan of Study

Freshman Year - Fall (16 Credit Hours)

- ENC 1101 - Composition I Credit Hours: 3
- REL 2300 - World Religions Credit Hours: 3
- HUM 2210 or HUM 2230 Credit Hours: 3
- GEP Credit Hours: 3

- Foreign Language Elementary I Credit Hours: 4

Freshman Year - Spring (16 Credit Hours)

- ENC 1102 - Composition II Credit Hours: 3
- HUM 2020 or PHI 2010 Credit Hours: 3
- GEP Credit Hours: 3
- GEP Credit Hours: 3
- Foreign Language Elementary II Credit Hours: 4

Sophomore Year - Fall (15 Credit Hours)

- REL 2000 - Introduction to Religion and Cultural Studies Credit Hours: 3
- GEP Credit Hours: 3
- GEP Credit Hours: 3
- GEP Credit Hours: 3
- Elective Credit Hours: 3

Sophomore Year - Spring (15 Credit Hours)

- GEP Credit Hours: 3
- Abrahamic Traditions Elective Credit Hours: 3
- Elective Credit Hours: 3
- Elective Credit Hours: 3
- Elective Credit Hours: 3

Junior Year - Fall (15 Credit Hours)

- Asian & Indigenous Traditions Elective Credit Hours: 3
- Theories & Methods Religion Elective Credit Hours: 3
- Religion in Culture Elective Credit Hours: 3
- Elective Credit Hours: 3
- Elective Credit Hours: 3

Junior Year - Spring (15 Credit Hours)

- Additional Traditions Elective Credit Hours: 3
- Theories & Methods Cultural Studies Elective Credit Hours: 3
- Upper Level Elective Credit Hours: 3
- Upper Level Elective Credit Hours: 3

□ Elective Credit Hours: 3

Senior Year - Fall (15 Credit Hours)

- Additional Traditions Elective Credit Hours: 3
- Religion in Culture Elective Credit Hours: 3
- Religion & Cultural Studies Restricted Elective Credit Hours: 3
- Upper Level Elective Credit Hours: 3
- Upper Level Elective Credit Hours: 3

Senior Year - Spring (13 Credit Hours)

- REL 4910 - Senior Research Seminar Credit Hours: 3
- Religion in Culture Elective Credit Hours: 3
- Upper Level Elective Credit Hours: 3
- Elective Credit Hours: 4

Religion and Cultural Studies Minor

College

College of Arts and Humanities

Department

Department of Philosophy

Program Type

Minor

Program Contact Information

College of Arts and Humanities
Philosophy Department
Psychology Building (PSY) 220
407-823-2273
philosophy@ucf.edu

Program Director of Religion & Cultural Studies: Dr. Christy Flanagan-Feddon

flanagan-feddon@ucf.edu

Program Description

Religion and Cultural Studies is a minor designed to familiarize students with religious traditions around the world, from ancient through contemporary cultures, as well as to introduce students to critical theories and methods through which to view and analyze the category of religion and its associated concepts, practices, and meanings in all areas of life. The program emphasizes the academic study of religion, and does not privilege any particular tradition or belief. This program can be completed online, although not every course in each category is offered as an online course.

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Required Courses

18 Total Credits

- Complete all of the following
 - Studying Religion and Culture
 - Complete at least 1 of the following:
 - REL2000 - Introduction to Religion and Cultural Studies (3)
 - REL2300 - World Religions (3)
 - Traditions
 - Complete all of the following
 - Must select one in each category with at least one course from the Philosophy Department
 - Abrahamic Traditions
 - Complete at least 1 of the following:
 - REL3403 - Christianity (3)
 - REL3363 - Islam (3)
 - REL3320 - Moses, Jesus and Muhammad (3)
 - REL3432 - Mysticism (3)
 - JST3401 - Jewish People in Antiquity (3)
 - Asian and Indigenous Traditions
 - Complete at least 1 of the following:
 - REL3333 - Hinduism (3)
 - REL3340 - Buddhism (3)
 - ANT3245 - Native American Religions (3)

Theories and Methods

- Complete all of the following
 - Must select one in each category
 - Religion
 - Complete at least 1 of the following:
 - REL4936 - Key Figures in Religion and Cultural Studies (3)
 - REL4496 - Key Concepts in Religion and Cultural Studies (3)
 - PHI3700 - Philosophy of Religion (3)
 - REL4157 - Religion and Psychoanalysis (3)
 - PHI3720 - Faith and Reason (3)
 - Cultural Studies
 - Complete at least 1 of the following:
 - HUM4459 - American Cultural Studies in Humanities (3)
 - HUM3805 - Critical Theory in the Humanities (3)
 - HUM3326 - Theories of Sex and Gender in Humanities (3)
 - HUM4823 - Queer Theory in the Humanities (3)
 - HUM4826 - Postcolonial Theory (3)
 - PHH3600 - Contemporary Philosophy (3)
- Religion in Culture
 - Complete at least 1 of the following:
 - REL3111 - Religion and Philosophy Through Film (3)
 - REL3115 - Religion, Spirituality, and Popular Music (3)
 - REL3130 - Religion in America (3)
 - REL4110 - Religion and the Arts (3)
 - REL4180 - Religion and Medicine (3)
 - REL3101 - Religion in Popular Culture (3)
 - REL4178 - Religion and Law (3)
 - ANT3241 - Magic, Ritual, and Belief (3)
 - JST3550 - Introduction to Modern Judaism (3)
 - POT4632 - Religion and Politics (3)
 - SYO4200 - Religion in Society (3)

Foreign Language Requirements

0 Total Credits

- None

Grand Total Credits: **18**

Program Details

Other Requirements

- A 'C' (2.0) grade or better is required in all courses used to satisfy the minor.
- At least 12 hours used in the minor must be earned at UCF.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor without prior approval by the Director.

Russian as a Critical Language Certificate

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

Program Type

Certificate

Program Contact Information

**College of Arts and Humanities
Department of Modern Languages and Literatures
Trevor Colbourn Hall, 358-A**

407-823-2472
modernlanguages@ucf.edu

Associate Professor: Alla Kourova

Alla.Kourova@ucf.edu

Program Description

Admission Requirements

- None

Certificate Requirements

- For degree-seeking students, certificates will be awarded only at time of degree completion.

Prerequisite Courses

- None

Degree Requirements

Required Courses
15 Total Credits

- Complete all of the following
 - Complete the following:
 - RUS2200 - Intermediate Russian Language and Civilization I (3)
 - RUS2201 - Intermediate Russian Language and Civilization II (3)
 - RUS3760 - Advanced Russian Oral Communication (3)
 - RUT3505 - Russian Culture and Civilization (3)
 - Complete all of the following
 - Complete at least 1 of the following:
 - RUS3240 - Russian Conversation (3)
 - RUS 3955 - Study Abroad Credit Hours: 3

Grand Total Credits: **15**

Program Details

Foreign Language Requirements

- none

Total Undergraduate Credit Hours Required: 15

Other Requirements

- A grade of "C" (2.0) or better is required in all courses used to satisfy the certificate.
- At least 12 hours used in the certificate must be earned at UCF within the department.
- Internships, Co-op, and Independent study may be used toward the certificate with departmental permission.
- No credit by exam (TSD, military credit) may be used.

Russian Studies Minor

College

College of Arts and Humanities

Department

Department of History

Program Type

Minor

Program Contact Information

**College of Arts and Humanities
History Department
Trevor Colbourn Hall (TCH), 319
407-823-2225
History@ucf.edu**

Associate Professor: Dr. Vladimir Solonari
407-823-6617

Associate Professor: Dr. Alla Kourova
407-823-2472

Program Description

Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Required Courses

6 Total Credits

Language Classes

- Complete the following:
 - RUS2200 - Intermediate Russian Language and Civilization I (3)
 - RUS2201 - Intermediate Russian Language and Civilization II (3)

Restricted Electives

12 Total Credits

- Complete all of the following
 - A list of approved restricted elective courses is found in the myKnight audit.
 - History
 - Complete at least 2 of the following:
 - EUH4571 - History of Russia to 1801 (3)
 - EUH4574 - History of Russia: 1801-1917 (3)
 - EUH4576 - History of Russia in the 20th Century (3)
 - EUH4663 - History of Communism in Europe (3)
 - Government/Politics
 - Complete at least 1 of the following:
 - CPO3614 - Politics of Eastern Europe (3)
 - CPO4643 - Government and Politics of Russia (3)
 - PLA4830 - World Legal Systems (3)
 - Cultural
 - Complete all of the following
 - Complete at least 1 of the following:
 - LIT3082 - Continental European Fiction Since 1900 (3)
 - LIT3931 - Topics in World Literature (3)
 - LIT4233 - Postcolonial Theory and Literature (3)
 - RUT3505 - Russian Culture and Civilization (3)
 - RUS 3955- Study Abroad Credit Hours: 3

Foreign Language Requirements

0 Total Credits

- None

Grand Total Credits: **18**

Program Details

Other Requirements

- A minimum GPA of 2.0 is required for all courses used to satisfy a minor.
- At least 12 hours used in the minor must be earned at UCF.
- Except for the foreign language requirement, no credit by exam may be used.
- Internship, Co-op, or Independent Study cannot be used toward the minor.

Spanish (B.A.)

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

Program Type

Major

Program Contact Information

College of Arts and Humanities
Department of Modern Languages and Literatures
Trevor Colbourn Hall (TCH) 358A
407-823-2472
ModernLanguages@ucf.edu

Professor: Dr. Martha García
Martha.Garcia@ucf.edu

Program Description

Placement in language courses is based on one year of high school language being equivalent to one semester of college work. For example, four years of high school Spanish place the student in the first semester of the third year. Native Spanish speakers, near-native Spanish speakers, or students who have received advanced education abroad must substitute select classes.

Admission Requirements

- None

Degree Requirements

- 36 credits in Spanish must be taken at the 3XXX level or above.
- At least 6 of the 36 Spanish credits must be at the 4XXX level.
- At least 30 credit hours must be taken in Modern Language courses taught in Spanish.
- Students must earn at least a "C" (2.0) in each upper division Spanish course.
- Departmental Residency Requirement consists of at least 18 semester hours of regularly scheduled 3XXX-4XXX level courses taken from the UCF Department of Modern Languages and Literatures.
- Language credit by exam will not be given in courses lower in level than those in which students are presently enrolled. Native speakers will be allowed Credit by Examination in literature courses only.
- Co-op or internship credit cannot be used in this major.
- Students must see their departmental advisor to obtain proper counseling and have their schedule approved before registering for courses in their major.
- Courses designated in General Education Program and Common Program Prerequisites are usually completed in the first 60 hours.

General Education (GEP)

36 Total Credits

- Complete all of the following
 - Communication Foundations
 - Earn at least 9 credits from the following course sets:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Cultural & Historical Foundations
 - Earn at least 9 credits from the following course sets:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)

- HUM2210 - Studies in Culture: Ancient to 17th Century (3)
- HUM2230 - Studies in Culture: 17th Century to Present (3)
- WOH2012 - World Civilization I (3)
- WOH2022 - World Civilization II (3)
- GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)

Mathematical Foundations

- Earn at least 6 credits from the following course sets:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)

Social Foundations

- Earn at least 6 credits from the following course sets:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundations

- Earn at least 6 credits from the following course sets:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)

GEP 12- Science Foundation

- ANT2511 - The Human Species (3)
- BSC1005 - Biological Principles (3)
- BSC2010C - Biology I (4)
- EVR1001 - Introduction to Environmental Science (3)
- GEO1200 - Physical Geography (3)
- GEO2370 - Resources Geography (3)
- GLY1030 - Geology and its Applications (3)
- GLY2038 - Environmental Geoscience (3)
- MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
- MET2104 - The Earth's Climate (3)

Grand Total Credits: **36**

Common Program Prerequisites (CPP) (If applicable)

14 Total Credits

- Complete 1 of the following
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information.
 - *May be met by proficiency test or completion of SPN 3234
 - Complete the following:
 - SPN1120C - Elementary Spanish Language and Civilization I (4)
 - SPN1121C - Elementary Spanish Language and Civilization II (4)
 - SPN2200 - Intermediate Spanish Language and Civilization I (3)
 - SPN2201 - Intermediate Spanish Language and Civilization II (3)

Grand Total Credits: **14**

Degree Requirements

Core Requirements: Advanced Level

9 Total Credits

- Complete 1 of the following
 - Complete the following:
 - SPN3300 - Advanced Spanish Grammar and Composition (3)
 - SPN3420 - Spanish Composition (3)
 - SPN3760 - Advanced Spanish Oral Communication (3)
 - A native or near-native Spanish speaker must substitute an alternate upper division Spanish course in consultation with a departmental advisor.

Restricted Electives

27 Total Credits

- Complete 1 of the following
 - Linguistics and Cognitive Studies
 - Complete all of the following
 - Complete at least 2 of the following:
 - SPW3100 - Survey of Spanish Literature I (3)
 - SPW3101 - Survey of Spanish Literature II (3)
 - SPW3130 - Survey of Latin-American Literature I (3)
 - SPW3131 - Survey of Latin-American Literature II (3)
 - Complete at least 3 of the following:
 - SPN4780 - Spanish Phonetics (3)
 - SPN4800 - The Syntax of Spanish (3)
 - SPN4801 - Spanish Morphology (3)
 - SPN4850 - Structure of the Spanish Language (3)
 - SPN4852 - Bilinguismo (3)
 - Complete at least 1 of the following:
 - SPN4510 - Spanish Civilization and Culture (3)
 - SPN4520 - Latin American Civilization and Culture (3)
 - Earn at least 9 credits from the following types of courses:

Additional Spanish electives: Any 3XXX, 4XXX, SPN, SPW, SPT courses not already used in the major *Maximum of 9 hours of 5XXX level courses accepted

Literature and Cultural Studies

- Complete all of the following
 - Complete at least 3 of the following:
 - SPW3100 - Survey of Spanish Literature I (3)
 - SPW3101 - Survey of Spanish Literature II (3)
 - SPW3130 - Survey of Latin-American Literature I (3)
 - SPW3131 - Survey of Latin-American Literature II (3)
 - Earn at least 6 credits from the following types of courses:
Spanish literature beyond the survey level: Any two 4XXX level SPW course not already used in the major
 - Complete at least 1 of the following:
 - SPN4780 - Spanish Phonetics (3)
 - SPN4800 - The Syntax of Spanish (3)
 - SPN4801 - Spanish Morphology (3)
 - SPN4850 - Structure of the Spanish Language (3)
 - SPN4852 - Bilinguismo (3)
 - Complete at least 1 of the following:
 - SPN4510 - Spanish Civilization and Culture (3)
 - SPN4520 - Latin American Civilization and Culture (3)
 - Earn at least 6 credits from the following types of courses:
Additional Spanish electives: Select any 3XXX, 4XXX, 5XXX SPN, SPW, SPT courses not already used in the major *Maximum of 9 hours of 5XXX level courses accepted

Additional Spanish electives:

9 Total Credits

- Earn at least 9 credits from the following types of courses:
Select any three 3XXX, 4XXX, 5XXX SPN, SPW, SPT courses not already used in the major *Maximum of 9 hours of 5XXX level courses accepted

Literature and Cultural Studies

9 Total Credits

- Complete at least 3 of the following:
 - SPW3100 - Survey of Spanish Literature I (3)
 - SPW3101 - Survey of Spanish Literature II (3)
 - SPW3130 - Survey of Latin-American Literature I (3)
 - SPW3131 - Survey of Latin-American Literature II (3)

Spanish literature beyond the survey level:

6 Total Credits

- Earn at least 6 credits from the following types of courses:
 - Any two 4XXX level SPW course not already used in the major

Linguistics

3 Total Credits

- Complete at least 1 of the following:
 - SPN4780 - Spanish Phonetics (3)
 - SPN4800 - The Syntax of Spanish (3)
 - SPN4801 - Spanish Morphology (3)
 - SPN4850 - Structure of the Spanish Language (3)
 - SPN4852 - Bilinguismo (3)

Culture and Civilization

3 Total Credits

- Complete at least 1 of the following:
 - SPN4510 - Spanish Civilization and Culture (3)
 - SPN4520 - Latin American Civilization and Culture (3)

Additional Spanish electives
6 Total Credits

- Earn at least 6 credits from the following types of courses:
 - Select any 3XXX, 4XXX, 5XXX SPN, SPW, SPT courses not already used in the major *Maximum of 9 hours of 5XXX level courses accepted

Grand Total Credits: **72**

Program Details

Capstone Requirements

- None

Electives

- Select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the department with the approval of the Spanish section director.

Foreign Language Requirements

Admissions

- Met by Graduation requirements.

Graduation

- Met by Common Program Prerequisites.

Additional Requirements

- The Modern Languages and Literatures Department offers multiple opportunities to complete the signature experience requirement. Please consult the Undergraduate Advisor for a full listing.

Required Minors

- None

Departmental Exit Requirements

- Earn a grade of "C" (2.0) or higher in at least 36 credit hours of upper division Spanish courses.
- Students are required to satisfactorily complete a departmental exit exam, entirely in Spanish. The exam

is offered each September and February and students need the approval of their advisor to take the exam. Students should discuss the optimal test date with their advisor and the Spanish Section Director. Students may take the Spanish Exit Exam up to a maximum of two times. Students are eligible to take the exam after they complete the literature survey sequence and the linguistics requirement. Exceptions must be approved by the student's Spanish advisor and by the Spanish Section Director.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- Students interested in completing Honors in the Major should contact their program advisor. More information about Honors in the Major can be found at <http://research.honors.ucf.edu/honors-in-the-Major>.

Related Programs

- French and Francophone Studies (B.A.)

Certificates

- Spanish for Health Professionals Certificate
- Spanish for the Legal World Certificate
- Spanish for Social Work Certificate
- Spanish for Tourism Certificate
- Spanish Translation and Interpretation Certificate

Related Minors

- French Minor
- Italian Minor
- Judaic Studies Minor
- Latin American Studies Minor
- Spanish Minor

Advising Notes

- None

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated by the department chair for equivalency credit. The student must provide all supporting information.
- Native speakers, or students who have received advanced education in Spanish-speaking societies, may not take lower division Spanish courses. They must substitute Third-year level, composition, grammar and conversation courses.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oegas.ucf.edu/alc/academic_learning_compacts.htm

Plan of Study

Linguistics and Cognitive Studies

Freshman Year - Fall (16 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- General Education **Credit Hours: 3**
- General Education **Credit Hours: 3**
- General Education **Credit Hours: 3**
- SPN 1120C - Elementary Spanish Language and Civilization I **Credit Hours: 4**

Freshman Year - Spring (16 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- General Education **Credit Hours: 3**
- General Education **Credit Hours: 3**
- General Education **Credit Hours: 3**
- SPN 1121C - Elementary Spanish Language and Civilization II **Credit Hours: 4**

Sophomore Year - Fall (15 Credit Hours)

- SPN 2200 - Intermediate Spanish Language and Civilization I **Credit Hours: 3**
- General Education **Credit Hours: 3**
- General Education **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective Credit Hours: 3

Sophomore Year - Spring (15 Credit Hours)

- SPN 2201 - Intermediate Spanish Language and Civilization II **Credit Hours: 3**
- General Education **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- General Education **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- SPN 3300 - Advanced Spanish Grammar and Composition **Credit Hours: 3**

*Native or near-native speaker must substitute an approved alternate upper level class; see advisor.

- SPN 3420 - Spanish Composition **Credit Hours: 3**

*Native or near-native speaker must substitute an approved alternate upper level class; see advisor.

- SPN 3760 - Advanced Spanish Oral Communication **Credit Hours: 3**

*Native or near-native speaker must substitute an approved alternate upper level class; see advisor.

Junior Year - Spring (15 Credit Hours)

- Spanish Survey Literature **Credit Hours: 3**
- Spanish Linguistics **Credit Hours: 3**
- Upper Level Spanish Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- Spanish Linguistics **Credit Hours: 3**
- Spanish Survey Literature **Credit Hours: 3**
- Upper Level Spanish Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- Spanish Linguistics **Credit Hours: 3**
- Spanish Culture and Civilization **Credit Hours: 3**
- Upper Level Spanish Elective **Credit Hours: 3**
- Elective **Credit Hours: 4**
- Complete Spanish Exit Exam

Literature and Cultural Studies

Freshman Year - Fall (16 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**

- General Education **Credit Hours: 3**
- General Education **Credit Hours: 3**
- General Education **Credit Hours: 3**
- SPN 1120C - Elementary Spanish Language and Civilization I **Credit Hours: 4**

Freshman Year - Spring (16 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- General Education **Credit Hours: 3**
- General Education **Credit Hours: 3**
- General Education **Credit Hours: 3**
- SPN 1121C - Elementary Spanish Language and Civilization II **Credit Hours: 4**

Sophomore Year - Fall (15 Credit Hours)

- SPN 2200 - Intermediate Spanish Language and Civilization I **Credit Hours: 3**
- General Education **Credit Hours: 3**
- General Education **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- SPN 2201 - Intermediate Spanish Language and Civilization II **Credit Hours: 3**
- General Education **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- General Education **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- SPN 3300 - Advanced Spanish Grammar and Composition **Credit Hours: 3**

*Native or near-native speaker must substitute an approved alternate upper level class; see advisor.

- SPN 3420 - Spanish Composition **Credit Hours: 3**

*Native or near-native speaker must substitute an approved alternate upper level class; see advisor.

- SPN 3760 - Advanced Spanish Oral Communication **Credit Hours: 3**

*Native or near-native speaker must substitute an approved alternate upper level class; see advisor.

Junior Year - Spring (15 Credit Hours)

- Spanish Survey Literature **Credit Hours: 3**
- Spanish Linguistics **Credit Hours: 3**
- Upper Level Spanish Elective **Credit Hours: 3**

- Upper Level Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- Spanish Survey Literature **Credit Hours: 3**
- Spanish Literature Beyond Survey Level **Credit Hours: 3**
- Spanish Culture and Civilization **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- Spanish Survey Literature **Credit Hours: 3**
- Spanish Literature Beyond Survey Level **Credit Hours: 3**
- Upper Level Spanish Elective **Credit Hours: 3**
- Elective **Credit Hours: 4**
- Complete Spanish Exit Exam

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Spanish for Health Professionals Certificate

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

Program Type

Certificate

Program Contact Information

College of Arts and Humanities
Department of Modern Languages and Literatures
Trevor Colbourn Hall (TCH) 358A
 407-823-2472
ModernLanguages@ucf.edu

Professor: Dr. Humberto López Cruz
 hlopez@ucf.edu

Program Description

Admission Requirements

- Students must demonstrate a foreign language proficiency in Spanish equivalent to third-year college level to be admitted to the certificate.

Certificate Requirements

- For degree-seeking students, certificates will be awarded only at time of degree completion.

Prerequisite Courses

- None

Degree Requirements

Required Courses

9 Total Credits

- Complete the following:
 - HSC3110 - Medical Self Assessment (3)
 - SPN4410 - Advanced Spanish Conversation (3)
 - SPT3809 - Medical Spanish Translation/Interpretation (3)

Restricted Electives

6 Total Credits

- Complete all of the following
 - A list of approved restricted elective courses is found in the myKnight audit upper division Spanish courses
 - Complete at least 1 of the following:
 - SPN3344 - Advanced Spanish Native Fluency I (3)
 - SPN3345 - Advanced Spanish Native Fluency II (3)
 - Health Sciences upper division courses
 - Complete at least 1 of the following:
 - HSA3111 - U.S. Health Care Systems (3)
 - HSA4109 - Principles of Healthcare Reimbursement, Insurance, and Managed Care Plans (3)
 - HSC3211 - Preventive Health Care (3)
 - HSC4201 - Community Health (3)
 - HSC4555 - Pathophysiology I (3)
 - HSC4558 - Pathophysiology II (3)

Grand Total Credits: **15**

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 15

Other Requirements

- A minimum grade of "C" (2.0) is required in all courses used to satisfy the certificate.
- At least 12 hours used in the certificate must be earned at UCF within the participating departments.
- No credit by exam (TSD, Military credit) may be used.
- Independent study and substitute courses/new courses are allowed at the director's discretion.

Spanish for Social Workers Certificate

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

Program Type

Certificate

Program Contact Information

College of Arts and Humanities
Department of Modern Languages and Literatures
Trevor Colbourn Hall (TCH) 358A
407-823-2472
ModernLanguages@ucf.edu

Professor: Dr. Humberto López Cruz
hlopez@ucf.edu

Program Description

Admission Requirements

- Students must demonstrate a foreign language proficiency in Spanish equivalent to third-year college level to be admitted to the certificate.

Certificate Requirements

- For degree-seeking students, certificates will be awarded only at time of degree completion.

Prerequisite Courses

- None

Degree Requirements

Required Courses

9 Total Credits

- Complete the following:
 - SOW3284 - Social Work Perspectives on Social Justice (3)
 - SPN4410 - Advanced Spanish Conversation (3)
 - SPT3800 - Spanish Translation and Interpretation (3)

Restricted Electives

6 Total Credits

- Complete all of the following
 - A list of approved restricted elective courses is found in the myKnight audit
 - Social Work upper division courses
 - Complete at least 1 of the following:
 - SOW3620 - Culturally Competent Social Work Practice (3)
 - SOW4794 - Social Work with Immigrants and Refugees (3)
 - Spanish upper division courses
 - Complete at least 1 of the following:
 - SPN3344 - Advanced Spanish Native Fluency I (3)
 - SPN3345 - Advanced Spanish Native Fluency II (3)

Grand Total Credits: **15**

Program Details

Foreign Language Requirements

- None

Total Semester Hours Required: 15

Other Requirements

- A minimum grade of "C" (2.0) is required in all courses used to satisfy the certificate.
- At least 12 hours used in the certificate must be earned at UCF within the participating departments.
- No credit by exam (TSD, Military credit) may be used.
- Independent study and substitute courses/new courses are allowed at the director's discretion.

Spanish for the Legal World Certificate

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

Program Type

Certificate

Program Contact Information

College of Arts and Humanities
Department of Modern Languages and Literatures
Trevor Colbourn Hall (TCH) 358A
407-823-2472
ModernLanguages@ucf.edu

Professor: Dr. Humberto López Cruz
hlopez@ucf.edu

Program Description

Admission Requirements

- Students must demonstrate a foreign language proficiency in Spanish equivalent to third-year college level to be admitted to the certificate.

Certificate Requirements

- For degree-seeking students, certificates will be awarded only at time of degree completion.

Prerequisite Courses

- None

Online Availability

- Please check with the Department of Modern Languages and Literatures regarding the program's availability online

Degree Requirements

Required Courses

9 Total Credits

- Complete the following:
 - PLA3014 - Law and the Legal System (3)
 - SPN4410 - Advanced Spanish Conversation (3)
 - SPT3831 - Spanish Legal Translation and Interpretation (3)

Restricted Electives

6 Total Credits

- Complete all of the following
 - A list of approved restricted elective courses is found in the myKnight audit Public Affairs upper division courses
 - Complete at least 1 of the following:
 - PLA3306 - Criminal Law (3)
 - PLA4020 - Law and Society (3)
 - Spanish upper division courses
 - Complete at least 1 of the following:
 - SPN3344 - Advanced Spanish Native Fluency I (3)
 - SPN3345 - Advanced Spanish Native Fluency II (3)

Grand Total Credits: **15**

Program Details

Foreign Language Requirements

- None

Other Requirements

- A minimum grade of "C" (2.0) is required in all courses used to satisfy the certificate.
- At least 12 hours used in the certificate must be earned at UCF within the participating departments.
- No credit by exam (TSD, Military credit) may be used.
- Independent study and substitute courses/new courses are allowed at the director's discretion.

Spanish for Tourism Certificate

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

Program Type

Certificate

Program Contact Information

College of Arts and Humanities
Department of Modern Languages and Literatures
Trevor Colbourn Hall (TCH) 358A
407-823-2472
ModernLanguages@ucf.edu

Professor: Dr. Humberto López Cruz
hlopez@ucf.edu

Program Description

Admission Requirements

- Students must demonstrate a foreign language proficiency in Spanish equivalent to third-year college level to be admitted to the certificate.

Certificate Requirements

- For degree-seeking students, certificates will be awarded only at time of degree completion.

Prerequisite Courses

- None

Degree Requirements

Required Courses

9 Total Credits

- Complete the following:
 - HFT3512 - Event Promotion (3)
 - SPN4410 - Advanced Spanish Conversation (3)
 - SPT3414 - Spanish for Tourism I (3)

Restricted Electives

6 Total Credits

- Complete all of the following
 - A list of approved restricted elective courses is found in the myKnight audit.
- Hospitality Courses
 - Complete at least 1 of the following:
 - HFT3540 - Guest Services Management I (3)
 - HFT3700 - Tourism Management (3)
- Spanish Courses
 - Complete at least 1 of the following:
 - SPN3344 - Advanced Spanish Native Fluency I (3)
 - SPN3345 - Advanced Spanish Native Fluency II (3)

Grand Total Credits: **15**

Program Details

Foreign Language Requirements

- None

Other Requirements

- A minimum grade of "C" (2.0) is required in all courses used to satisfy the certificate.
- At least 12 hours used in the certificate must be earned at UCF within the participating departments.
- No credit by exam (TSD, Military credit) may be used.
- Independent study and substitute courses/new courses are allowed at the director's discretion.

Spanish Minor

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

Program Type

Minor

Program Website

College of Arts and Humanities
Department of Modern Languages and Literatures
Trevor Colbourn Hall (TCH) 358A
407-823-2472
ModernLanguages@ucf.edu

Professor: Dr. Martha García
Martha.Garcia@ucf.edu

Program Description

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Required Courses

9 Total Credits

- Complete all of the following
 - Complete all of the following
 - Complete the following:
 - SPN3300 - Advanced Spanish Grammar and Composition (3)
 - A native or near-native speaker must substitute an alternate upper division course for the Advanced Spanish Grammar and Composition course.
 - Complete all of the following
 - Complete the following:
 - SPN3420 - Spanish Composition (3)
 - A native or near-native speaker must substitute an alternate upper division course for the Spanish Composition course.
 - Complete all of the following
 - Complete the following:
 - SPN3760 - Advanced Spanish Oral Communication (3)
 - A native or near-native speaker must substitute an alternate upper division course for the Advanced Oral Communication course.

Restricted Electives

9 Total Credits

- Complete all of the following
 - Earn at least 9 credits from the following types of courses:
Select three upper division Spanish language courses (SPN/SPT/SPW 3XXX or above) offered in the Department of Modern Languages not already used to satisfy the minor.
 - Approval of a departmental advisor is required prior to registration.
 - A list of approved restricted elective courses is found in the myKnight audit.

Foreign Language Requirements

0 Total Credits

- None

Grand Total Credits: **18**

Program Details

Other Requirements

- A minimum grade of "C" (2.0) is required in all courses used to satisfy the minor.
- At least 12 hours used in the minor must be earned at UCF within the Department of Modern Languages and Literatures.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor without departmental permission.

Spanish Translation and Interpretation Certificate

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

Program Type

Certificate

Program Contact Information

College of Arts and Humanities
Department of Modern Languages and Literatures
Trevor Colbourn Hall (TCH) 358A
407-823-2472
ModernLanguages@ucf.edu

Associate Professor: Dr. Francisco Fernández-Rubiera
rubiera@ucf.edu

Program Description

Certificate Admission Requirements

- Students must pass an oral exam for proficiency in Spanish and English before being admitted to the certificate program.
- Contact the program director to set an appointment for your oral entry exam.

Certificate Requirements

- For degree-seeking students, certificates will be awarded only at time of degree completion.

Prerequisite Courses

- None

Degree Requirements

Required Courses

3 Total Credits

- Earn at least 3 credits from the following types of courses:
SPN4941 - Internship Credit Hours: 3

Restricted Electives

12 Total Credits

- Complete at least 4 of the following:
 - SPT3414 - Spanish for Tourism I (3)
 - SPT3800 - Spanish Translation and Interpretation (3)
 - SPT3805 - Spanish Translation and Interpretation for Mass Communication (3)
 - SPT3809 - Medical Spanish Translation/Interpretation (3)
 - SPT3831 - Spanish Legal Translation and Interpretation (3)

Grand Total Credits: **15**

Program Details

Foreign Language Requirements

- None

Other Requirements

- A grade of "C" (2.0) or better is required in all courses used to satisfy the certificate.
- At least 12 hours used in the certificate must be earned at UCF within the department.
- Independent Study or Co-op credit cannot be used toward the certificate.
- No credit by exam (TSD, military credit) may be used.
- Satisfactory completion of translation and interpretation exit exam.

Studio Art (B.F.A.)

College

College of Arts and Humanities

Department

School of Visual Arts and Design

Program Type

Major

Program Contact Information

College of Arts and Humanities
School of Visual Arts and Design
Visual Arts Building (VAB) 117
407-823-2676
svadadvising@ucf.edu

Program Description

The BFA degree prepares students for professional practices and is recommended for students who plan to attend graduate school. The BFA degree provides a solid foundation in techniques and theory in focused areas of competence. The School affirms that a theoretical and working understanding of the historical meanings and studio applications of the human image are critical in the education of Visual Art and Art History students.

As part of the program, some courses study the form and proportion of the human figure. Nude models are used as reference.

Admission Requirements

- All students must successfully pass the Studio Art Portfolio review (ART 3950).
- Students must complete one upper level course in their specialization before submitting the Studio Art BFA Application and Mentor Agreement.
- The School faculty in a student's area of specialization evaluates students desiring to become Studio Art BFA majors via interviews and a review of their body of work. During matriculation towards the BFA faculty will evaluate their work and decide whether or not the student may continue in the program. All Studio Art BFA students are accepted on a "Provisional" status their first semester.
- Students who are not admitted into the Studio Art BFA program will continue in the Art BA, Studio track and may repeat the Studio Art BFA application process.
- Once admitted into the Studio Art BFA program students are required to be supervised by their specialization faculty mentor within the discipline for a minimum of two semesters.
- Students who do not pass the Studio Art Portfolio review should meet with an SVAD Advisor to discuss their options.
- C-" (1.75) or below grades from other institutions do not meet departmental requirements.
- Note: One-on-one portfolio reviews are not possible due to the large number of received portfolios.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog by filing a catalog year change with their degree change form.
- Departmental Residency Requirement consists of at least 18 semester hours of regularly scheduled 3000-4000 level courses taken from the School of Visual Arts and Design. Nine of these must be in an area of specialization.
- Students must earn at least a "C" (2.0) in each required course used to satisfy major requirements; however a GPA of 3.0 or higher must be achieved in the major requirements.
- BFA students must achieve a 3.0 GPA in all major requirements.
- Co-op credit cannot be used in the major.
- Students should consult with their SVAD advisor and faculty mentor studio specialization each semester.

General Education (GEP)

Communication Foundations

9 Total Credits

- Earn at least 9 credits from the following course sets:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

Cultural and Historical Foundations

9 Total Credits

- Complete all of the following
 - Take all of the following:
 - Required:
 - Complete the following:
 - HUM2020 - Encountering the Humanities (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)

Mathematical Foundations

6 Total Credits

No Rules

Math

3 Total Credits

- Complete all of the following
 - Preferred:
 - Complete at least 1 of the following:
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - May substitute a higher level math : MGF 1107

Statistics-Computers

3 Total Credits

- Earn at least 3 credits from the following course sets:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)

Social Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)

- GLY1030 - Geology and its Applications (3)
- GLY2038 - Environmental Geoscience (3)
- MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
- MET2104 - The Earth's Climate (3)

Grand Total Credits: **36**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information
 - Earn at least 18 credits from the following:
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - ART2201C - Design Fundamentals-Two Dimensional (3)
 - ART2203C - Design Fundamentals-Three Dimensional (3)
 - ART2300C - Drawing Fundamentals I (3)
 - ART2301C - Drawing Fundamentals II (3)
 - GRA2101C - Introduction to Computer Art (3)
 - Any ART prefix, studio, or media courses at the 2000-4000 levels Credit Hours: 3 (Recommend 3000 or 4000 level)

Grand Total Credits: **18**

Degree Requirements

Core Requirements: Basic Level

6 Total Credits

- Complete the following:
 - ARH2500 - History of Non-Western Art (3)
 - ART2823 - Art as Interface (3)

Core Requirements: Advanced Level

3 Total Credits

- Complete the following:
 - ART3950 - Studio Art Portfolio
 - ARH3471 - Art in the Last 25 Years (3)

Restricted Electives

42 Total Credits

- Complete all of the following
 - Earn at least 42 credits from the following types of courses:
A list of approved restricted elective courses is found in the myKnight audit.
 - At least three courses must be 4000-level Studio Art courses.

Specialization Electives

18 Total Credits

- Complete 1 of the following
 - Select six upper division courses from one area.
 - For combined specializations, student must complete courses in both areas.
Book Arts
 - Complete all of the following
 - Earn at least 18 credits from the following:
 - ART3170C - Book Binding (3)
 - ART3171C - Materials for Artist Books (3)
 - ART3175C - Advanced Issues in Contemporary Book Arts (3)
 - ART3176C - The Illuminated Book (3)
 - ART3737C - Narrative Sculpture (3)
 - ART4174C - The Printed Book (3)
 - ART4177C - Commercial Book Design and Publishing (3)
 - ART4644C - Books Without Books (3)

- ART 4173C - Advanced Artist Book Credit Hours: 3 (May be Repeated for Credit)
- Ceramics/Sculpture Combination
 - Complete all of the following
 - Earn at least 18 credits from the following:
 - ART3761C - Intermediate Ceramics (3)
 - ART3764C - Ceramic Handbuilding I (3)
 - ART4765C - Ceramic Handbuilding II (3)
 - ART4780C - Kiln Design and Building (3)
 - ART4783C - Advanced Ceramics (3)
 - ART4786C - Ceramic Raw Material (3)
 - ART3709C - Intermediate Sculpture (3)
 - ART3734C - Metal Sculpture (3)
 - ART3738C - Mold Making and Casting (3)
 - ART3768C - Clay Sculpture (3)
 - ART3713C - Figure Sculpture (3)
 - ART4710C - Advanced Sculpture (3)
 - ART3161 - Mixed Media (3)
 - ART3833C - Processes and Ideas in Art (3)
 - May be repeated for credit : ART 4780C, ART 4710C
- Drawing
 - Complete all of the following
 - Earn at least 18 credits from the following:
 - ART3332C - Intermediate Drawing (3)
 - ART4320C - Advanced Drawing (3)
 - May be repeated for credit : ART 4320C
- Drawing/Printmaking Combination
 - Complete all of the following
 - Earn at least 18 credits from the following:
 - ART3332C - Intermediate Drawing (3)
 - ART4320C - Advanced Drawing (3)
 - ART3403C - Intermediate Printmaking (3)
 - ART4402C - Advanced Printmaking (3)
 - ART 3433C - Screen Printing Credit Hours: 3
 - May be repeated for credit : art 4320C, art 4402C
- Drawing/Illustration Combination
 - Complete all of the following
 - Earn at least 18 credits from the following:
 - ART3332C - Intermediate Drawing (3)
 - ART4320C - Advanced Drawing (3)
 - GRA3747C - Intermediate Illustration I (3)
 - GRA4154C - Advanced Illustration (3)
 - May be repeated for credit : ART 4320C, GRA 4154C
- Drawing/Painting Combination
 - Complete all of the following
 - Earn at least 18 credits from the following:
 - ART3332C - Intermediate Drawing (3)
 - ART4320C - Advanced Drawing (3)
 - ART3504C - Intermediate Painting (3)
 - ART3562C - Observational Painting (3)
 - ART3561C - Experimental Painting (3)
 - ART4505C - Advanced Painting (3)
 - May be repeated for credit : ART 4320C, ART 4505C
- Painting
 - Complete all of the following
 - Earn at least 18 credits from the following:
 - ART3504C - Intermediate Painting (3)
 - ART3562C - Observational Painting (3)
 - ART3561C - Experimental Painting (3)
 - ART4505C - Advanced Painting (3)
 - May be repeated for credit : ART 4505C

Photography

- Complete all of the following
 - Earn at least 18 credits from the following:
 - PGY3204C - Experimental Studio Lighting in Photography (3)
 - PGY3933C - The Photo-book (3)
 - PGY3407C - Film and Darkroom (3)
 - PGY3410C - Intermediate Photography (3)
 - PGY3412C - Photography in the Expanded Field (3)
 - PGY4106C - Photography Theory and Practice (3)
 - PGY4420C - Advanced Photography (3)
 - PGY4440C - Special Problems in Photography (3)
 - May be repeated for credit : PGY 4106C, PGY 4440C

Outside of Specialization Electives - Studio Art

15 Total Credits

- Earn at least 15 credits from the following types of courses:
Select five upper level Studio Art courses. Select from at least three of the following areas, excluding the area of specialization: Book Arts, Ceramics, Drawing, Illustration, Painting, Photography, Printmaking, Sculpture, and Special Topics Studio Courses. May include a maximum of six hours Independent Study, Practicum, and Internship.

Art History Electives

9 Total Credits

- Earn at least 9 credits from the following types of courses:
Select three upper level Art History courses.

Capstone Requirements

3 Total Credits

- Complete the following:
 - ART4935 - BFA Exhibit/Seminar (3)

Electives

3 Total Credits

- Earn at least 3 credits from the following types of courses:
Select an additional course. May be outside of the department.

Grand Total Credits: **99**

Program Details

Foreign Language Requirements

Admissions

- Met by graduation requirement

Graduation

- Proficiency equivalent to one year of college instruction in a single foreign language taught by the Department of Modern Languages and Literatures or the Department of History (Hebrew). Standardized examinations for languages may be used to meet the requirement.

Additional Requirements

- Signature Experience requirement is met by successful completion of the following course(s):
 - ART 4935 - BFA Exhibit/Seminar **Credit Hours: 3**

Required Minors

- None

Departmental Exit Requirements

- Maintain at least a 3.0 GPA in all courses used to satisfy major requirements.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- Students interested in completing Honors in the Major should contact their program advisor. More information about Honors in the Major can be found at <http://research.honors.ucf.edu/honors-in-the-major>. Up to 6 hours can be used toward SVAD restricted electives, the hours must be completed through SVAD.

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- <http://svad.cah.ucf.edu/advising>
- svadadvising@ucf.edu

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses

Acceptable substitutes for common program prerequisites if taken prior to transferring to UCF:

- GRA 2101C*. A student may substitute any three hour digital art course.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oemas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$31.50 per term
- Full-Time Student: \$63 per term

Plan of Study

Freshman Year - Fall (15 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- ARH 2050 - History of Western Art I **Credit Hours: 3**
- ART 2201C - Design Fundamentals-Two Dimensional **Credit Hours: 3**
- ART 2300C - Drawing Fundamentals I **Credit Hours: 3**
- GEP **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- ARH 2051 - History of Western Art II **Credit Hours: 3**
- ART 2203C - Design Fundamentals-Three Dimensional **Credit Hours: 3**
- ART 2301C - Drawing Fundamentals II **Credit Hours: 3**
- ART 2823 - Art as Interface **Credit Hours: 3**

Sophomore Year - Fall (16 Credit Hours)

- ART 3950 - Studio Art Portfolio **Credit Hours: 0**
- GRA 2101C - Introduction to Computer Art **Credit Hours: 3**
- Specialization Restricted Elective **Credit Hours: 3**
- Any 2000-4000 Level Art Studio Elective **Credit Hours: 3**
- Foreign Language Elementary I **Credit Hours: 4**
- GEP **Credit Hours: 3**

Sophomore Year - Spring (16 Credit Hours)

- ARH 2500 - History of Non-Western Art **Credit Hours: 3**
- Specialization Restricted Elective **Credit Hours: 3**
- Foreign Language Elementary II **Credit Hours: 4**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

-
- ARH 3471 - Art in the Last 25 Years **Credit Hours: 3**
 - Specialization Restricted Elective **Credit Hours: 3**
 - Outside Specialization Restricted Elective I **Credit Hours: 3**
 - GEP **Credit Hours: 3**
 - Upper Level Elective **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- ARH Upper Level Restricted Elective **Credit Hours: 3**
- Specialization Restricted Elective **Credit Hours: 3**
- Outside Specialization Restricted Elective II **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- ARH Upper Level Restricted Elective **Credit Hours: 3**
- Specialization Restricted Elective **Credit Hours: 3**
- Outside Specialization Restricted Elective Area III **Credit Hours: 3**
- Outside Specialization Restricted Elective Area IV **Credit Hours: 3**
- GEP **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- ART 4935 - BFA Exhibit/Seminar **Credit Hours: 3**
- Specialization Restricted Elective **Credit Hours: 3**
- Outside Specialization Restricted Elective V **Credit Hours: 3**
- ARH Upper Level Restricted Elective **Credit Hours: 3**
- Elective **Credit Hours: 1**

Teaching English as a Foreign Language Certificate

College

College of Arts and Humanities

Department

Department of Modern Languages and Literatures

Program Type

Certificate

Program Contact Information

College of Arts and Humanities

Department of Modern Languages and Literatures

Trevor Colbourn Hall (TCH) 358A

407-823-2472

ModernLanguages@ucf.edu

Director of Undergrad TEFL Certificate & Professor: Dr. Florin Mihai

Florin.Mihai@ucf.edu

Program Description

Admission Requirements

- None

Certificate Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Required Courses

6 Total Credits

- Complete all of the following
 - Complete the following:
 - TSL3346 - Introduction to TEFL (3)
 - TSL4240 - Issues in Second Language Acquisition (3)
 - The TSL 4080 Theory and Practice of Teaching ESOL Students in Schools pre-requisite for TSL 4240 Issues in Second Language Acquisition does not apply to TEFL certificate students.

Restricted Electives

6 - 7 Total Credits

- Complete all of the following
 - Complete at least 1 of the following:
 - TSL4363 - ESL Classroom Experiences (3)
 - FLE4340 - Teaching World Languages in K-12 Schools (3)
 - World Area Course
 - Complete all of the following
 - Complete at least 1 of the following:
 - ANT3362 - Peoples of Southeast Asia (3)
 - ANT3610 - Language and Culture (3)
 - ANT4332 - People and Cultures of Latin America (3)
 - ASH3223 - The Modern Middle East (3)
 - ASH4402 - History of Chinese Civilization (3)
 - ASH4404 - Modern China (3)
 - ASH4442 - Modern Japan (3)
 - COM4461 - Intercultural Communication (3)
 - CPO3403 - Politics of the Middle East (3)
 - CPO4514 - Politics of East Asia (3)
 - CPO4541 - Chinese Politics (3)
 - CPO4553 - Politics of Japan (3)
 - CPO4643 - Government and Politics of Russia (3)
 - EUH4574 - History of Russia: 1801-1917 (3)
 - EUH4576 - History of Russia in the 20th Century (3)
 - FLE4340 - Teaching World Languages in K-12 Schools (3)
 - FSS3008 - Culture and Cuisine (3)
 - GEA4405 - Geography of Latin America (3)
 - GEO3471 - World Political Geography (3)
 - HFT4735 - Tourism Geography (3)
 - INR4224 - Contemporary International Politics of Asia (3)
 - INR4243 - International Politics of Latin America (3)
 - LAH3130 - Latin American History I (3)
 - LAH3200 - Modern Latin America (3)
 - LAS3002 - Topics in Latin American Studies (3)
 - LAS3101 - Latin American Popular Culture (3)
 - LAS3320 - Brazilian Culture (3)
 - LIN4105 - History of the English Language (3)
 - LIN4680 - Modern English Grammar (3)
 - RUT3505 - Russian Culture and Civilization (3)
 - SOP3723 - Cross Cultural Psychology (3)
 - SPA3112C - Basic Phonetics (4)
 - SPN4510 - Spanish Civilization and Culture (3)
 - SPN4780 - Spanish Phonetics (3)
 - TSL4363 - ESL Classroom Experiences (3)
 - Additional courses, including a study abroad experience in a non-English speaking environment, may be accepted with approval from the program director.

Grand Total Credits: **12 - 13**

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 12

Other Requirements

- A minimum overall GPA of 2.0 is required in courses used to satisfy the certificate.
- All 12 hours used in the certificate must be earned at UCF within the participating departments.
- No credit by exam (TSD, Military credit) may be used.
- Internships, Co-op, and Independent study may be used toward the certificate with departmental permission.

Theatre, Acting Track (B.F.A.)

College

College of Arts and Humanities

Department

Department of Theatre

Program Type

Major

Program Contact Information

College of Arts and Humanities
Department of Theatre
Performing Arts Center (PAC) T210A
407-823-2862
theatre@ucf.edu

Coordinator, Undergraduate Acting: Be Boyd
Belinda.Boyd@ucf.edu

Program Description

The Bachelor of Fine Arts track in Acting is offered for students who, upon graduation, plan to pursue a specialized performance career in Acting. It provides the student with a thorough foundation in theatre complemented by very structured and intensive career preparation in all areas of acting. Class work is augmented with practical production experiences. Drawing upon the teachings of Stanislavski-based methodologies, as well as other successful practical acting techniques, the professional acting program offers an organic approach to performance training. The program begins with a focus on the fundamentals of acting: development of imagination, selfawareness, improvisation, voice production/diction and movement. During the first two years, the student also receives training in script analysis, singing and dance. The training then moves to an emphasis on characterization, character development and studio training/scene study. This practical study, drawn from the total range of dramatic literature, provides the student with performance experiences ranging from the classical to the contemporary, including verse and musical theatre. The program culminates with a professional internship where students are able to apply their education in a real world work environment. While most students choose to enter the work force following graduation, the BFA is an excellent degree for students interested in pursuing graduate studies in theatre. Work within the BFA program requires energy and dedication; therefore, other part-time study or outside employment is very challenging. BFA standards are high, both for admission and for continuation in the program.

Admission Requirements

- The departmental faculty evaluates students desiring to become BFA majors via auditions and interviews. This should be completed the academic year prior to attending UCF. For complete information visit the audition site online at <https://performingarts.cah.ucf.edu/study/#theatreundergrad>. All BFA students are accepted on a "Provisional" basis their first year. Faculty will evaluate their work and decide whether or not the student may continue the program at the end of the first year.
- The Acting plan of study requires a Fall start for proper course sequencing. Students are not accepted to begin theatre courses in the Spring or Summer semesters.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog. Students must follow the most recent department, internship and school student handbooks which are available at <http://performingarts.cah.ucf.edu/academics/student-resources>.
- Students in this major must earn a "C" (2.0) or better or an "S" in each music or theatre course and maintain a 3.0 GPA for all courses required in the major and all courses taken in theatre; must not receive a negative evaluation in a regularly scheduled program review; and must not exhibit chronic unprofessional behavior. Failure to meet these standards will result in probation and/or dismissal from the program. Refer to the SPA Undergraduate Student Handbook-Theatre (<http://performingarts.cah.ucf.edu/academics/student-resources>) for details on program standards.
- Departmental Residency Requirement consists of 60 semester hours of courses taken from the UCF Theatre Department.
- All BFA Acting majors are required to audition for all Fall and Spring productions and must accept the roles assigned. Students must be registered for the appropriate Theatre Participation course in the term in which they participate. Students need not take additional hours to satisfy practicum requirements. Once students have completed their production participation requirements, they may register for a "0" credit participation course to meet departmental registration requirements if they choose. Students may use additional participation credits as electives.
- The department will accept one credit of Theatre Participation coursework for students transferring into the program. Any additional transfer participation credits will count towards electives.
- Internships are subject to departmental approval and may not be fulfilled through participating on a UCF theatre production.
- Courses designated Common Program Prerequisites are usually completed in the first 60 hours.
- Courses designated General Education Program are taken throughout all four years.
- Co-op cannot be used in this major.

General Education (GEP)

Communication Foundations
9 Total Credits

- Earn at least 9 credits from the following course sets:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)

GEP 3- Communication Foundation

- COM1000 - Introduction to Communication (3)
- SPC1603C - Fundamentals of Technical Presentations (3)
- SPC1608 - Fundamentals of Oral Communication (3)

Cultural & Historical Foundations

9 Total Credits

- Complete all of the following
 - Required:
 - Complete the following:
 - THE2000 - Theatre Survey (3)
 - This course is only taught during the fall semesters for BFA students
 - Earn at least 6 credits from the following course sets:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)

Mathematical Foundations

6 Total Credits

No Rules

Math:

3 Total Credits

- Complete all of the following
 - Suggested:
 - Complete at least 1 of the following:
 - MGF1107 - Explorations in Mathematics (3)
 - MGF1106 - Finite Mathematics (3)
 - You may substitute a higher level math with appropriate scores on the Math Placement Test.

Statistics - Computers

3 Total Credits

- Complete at least 1 courses from the following:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)

- COT3100C - Introduction to Discrete Structures (3)
- STA2014 - Principles of Statistics (3)
- STA2023 - Statistical Methods I (3)
- STA3032 - Probability and Statistics for Engineers (3)
- CGS1060C - Introduction to Computers (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Preferred:
 - Complete the following:
 - AMH2020 - U.S. History: 1877-Present (3)
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - Earn at least 20 credits from the following:
 - THE2000 - Theatre Survey (3)
 - THE2305 - Script Analysis for Theatre (3)
 - THE2925L - Theatre Participation - Management I (99)
 - TPA2290L - Theatre Participation-Production I (1 - 99)
 - TPP2110C - Acting I - Freeing the Actor (3)
 - TPA2200 - Introduction to Technical Theatre (2)
 - TPA2200L - Intro to Technical Theatre Lab (1)
 - Theatre Electives (THE, TPP, TPA prefix) Credit Hours: 9
 - GEP Course: THE 2000 - This course is only taught during the fall semesters for BFA students
 - THE 2305, TPA 2200 - See Transfer Notes for possible substitutions.

Grand Total Credits: **20**

Degree Requirements

Core Requirements: Basic Level
12 Total Credits

- Complete all of the following
 - Earn at least 10 credits from the following:
 - TPA2248C - Makeup Techniques (2)
 - DAA2200C - Ballet I (2)
 - TPP2170C - Acting II - The Actor and Text (3)
 - TPP2710C - Freeing the Voice (2)
 - TPP2190L - Theatre Participation-Performance I (1 - 99)
 - Complete at least 1 of the following:
 - DAA2100C - Modern Dance I (2)
 - DAA2570C - Jazz Dance I (2)

Core Requirements: Advanced Level
55 Total Credits

- Complete all of the following
 - Complete the following:
 - THE3311 - Theatre History and Dramatic Literature I (3)
 - THE3312 - Theatre History and Dramatic Literature II (3)
 - THE3313 - Theatre History and Dramatic Literature III (3)
 - TPP3310C - Directing for Theatre I (3)
 - TPP3173C - Acting III - The Actor and Character (3)
 - TPP4140C - Acting IV - The Actor at Play (3)
 - TPP4142C - Acting Verse (3)
 - TPP4265C - Camera Acting (3)
 - TPP3711C - Voice and International Phonetic Alphabet (2)
 - TPP3712C - Voice and Heightened Text (2)
 - TPP4730C - Voice and Accents (2)
 - TPP3510C - Movement for the Actor I (2)
 - TPP3513C - Movement for the Actor II (2)
 - TPP4531C - Period Movement (2)
 - TPP4512C - Stage Combat (2)
 - TPP3257C - Musical Theatre Voice Techniques (2)
 - TPP3258C - Musical Theatre Voice Styles (2)
 - TPP4221 - Auditioning (3)
 - TPP4223C - Theatre Careers in Performance (3)
 - TPP4940L - Theatre Internship (6)
 - THE4954 - Theatre Exit Critique
 - Earn at least 1 credits from the following:
 - TPA4298L - Theatre Participation-Production II (1 - 99)
 - THE4093L - Theatre Participation-Management II (1)
 - TPP4193L - Theatre Participation-Performance II (1 - 99)

Restricted Electives
6 Total Credits

- Earn at least 6 credits from the following types of courses:
Any THE, TPA, TPP, DAA, or DAN course taught by the Theatre Department, except THE 3006, and not already applied toward a program requirement . Independent Study, Undergraduate Research, and Honors in the Major courses taught by the Department of Theatre can also be used as electives. Exceptions must be approved by the Theatre Department Undergraduate Coordinator in advance. Courses with these prefixes not taught by the Department of Theatre cannot be used in this program.

Grand Total Credits: **73**

Program Details

Capstone Requirements

- None

Electives

- Variable

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- Signature Experience requirement is met by successful completion of the following course(s):
- TPP 4940L - Theatre Internship **Credit Hours: 6**

Required Minors

- None

Departmental Exit Requirements

- Earn a grade of "C" (2.0) or better in each Theatre course
- Maintain a Theatre GPA of "B" (3.0) or better
- Complete an Exit Survey, Exit Interview and Audit Check the semester prior to final semester of theatre classes.
- Complete 93 theatre credits in addition to the GEP for a total of 129. Courses that count in the GEP cannot also count towards total theatre credits.
- Minimum of 60 theatre credits must be completed in residency at UCF.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.

- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 129

Additional Information

Honors In Major

- Students interested in completing Honors in the Major should contact their program advisor. More information about Honors in the Major can be found at <http://research.honors.ucf.edu/honors-in-the-Major>.

Related Programs

- Art, Studio Track (B.A.)
- Film (B.F.A.)
- Music (B.A.)
- Theatre Studies (B.A.)
- Theatre, Musical Theatre Track (B.F.A.)

Certificates

- None

Related Minors

- Theatre Minor
- Dance Minor
- Art - Studio Minor
- Music Minor
- Film, Cinema Studies Minor

Advising Notes

- Students must consult with a departmental advisor every semester before registration. Students who do not consult with their department advisor will be placed on departmental probation. Repeated failure to consult with a department advisor may lead to release from the program.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$45 per term
- Full-Time Student: \$90 per term

Transfer Notes

- Due to its conservatory nature, the BFA demands a closely integrated four-year curriculum. Although the program is not designated for transfer students, transfer students may audition and may be admitted, but they should consult with the Department Undergraduate Coordinator to evaluate their transfer credits and to estimate the length of their program of study. We encourage any student wishing to transfer to complete the General Education Program and the Common Program Prerequisites before transferring within the Florida College System or State University System.
- Courses taken at Florida College System institutions may substitute for select upper division courses with permission of the department, although they will not count as upper division credits. University minimum upper division credit requirements must still be met.
- Transfer students will be required to meet the departmental theatre participation requirement through participation on UCF productions.

- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses

- THE 2305 - Script Analysis for Theatre **Credit Hours: 3** May use any introductory Theatre Play or Script Analysis class. Script Analysis for Film cannot substitute.
- TPA 2200 - Introduction to Technical Theatre **Credit Hours: 2** May be substituted with any introductory Stagecraft course.
- TPA 2200L - Intro to Technical Theatre Lab **Credit Hours: 1** May be substituted with any introductory Stagecraft course.
- TPP 3310C - Directing for Theatre I **Credit Hours: 3** May be substituted with TPP 2300 or any introductory Theatre Directing Course. Directing for Film cannot substitute.
- TPP 2110C - Acting I - Freeing the Actor **Credit Hours: 3** May be substituted with any introductory acting for theatre course.

Plan of Study

Freshman Year - Fall (16 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- THE 2000 - Theatre Survey **Credit Hours: 3**

This course is only taught during the fall semesters for BFA students

- TPP 2710C - Freeing the Voice **Credit Hours: 2**
- THE 2305 - Script Analysis for Theatre **Credit Hours: 3**
- TPP 3510C - Movement for the Actor I **Credit Hours: 2**
- General Education **Credit Hours: 3**

Freshman Year - Spring (16 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- General Education **Credit Hours: 3**
- TPP 3711C - Voice and International Phonetic Alphabet **Credit Hours: 2**
- TPP 2110C - Acting I - Freeing the Actor **Credit Hours: 3**
- TPP 3513C - Movement for the Actor II **Credit Hours: 2**
- TPA 2248C - Makeup Techniques **Credit Hours: 2**
- THE 2925L - Theatre Participation - Management I **Credit Hours: 1**

Sophomore Year - Fall (16 Credit Hours)

- General Education **Credit Hours: 3**
- TPA 2200 - Introduction to Technical Theatre **Credit Hours: 2**
- TPA 2200L - Intro to Technical Theatre Lab **Credit Hours: 1**
- THE 3311 - Theatre History and Dramatic Literature I **Credit Hours: 3**
- TPP 2170C - Acting II - The Actor and Text **Credit Hours: 3**
- DAA 2200C - Ballet I **Credit Hours: 2**
- TPP 3712C - Voice and Heightened Text **Credit Hours: 2**

Sophomore Year - Spring (13 Credit Hours)

- TPP 3173C - Acting III - The Actor and Character **Credit Hours: 3**
- TPP 4221 - Auditioning **Credit Hours: 3**
- THE 3312 - Theatre History and Dramatic Literature II **Credit Hours: 3**
- TPP 3257C - Musical Theatre Voice Techniques **Credit Hours: 2**

Select One:

- DAA 2570C - Jazz Dance I **Credit Hours: 2**
- DAA 2100C - Modern Dance I **Credit Hours: 2**

Junior Year - Fall (16 Credit Hours)

- General Education **Credit Hours: 3**
- TPP 4140C - Acting IV - The Actor at Play **Credit Hours: 3**
- TPP 4531C - Period Movement **Credit Hours: 2**
- TPP 3258C - Musical Theatre Voice Styles **Credit Hours: 2**
- THE 3313 - Theatre History and Dramatic Literature III **Credit Hours: 3**
- TPP 3310C - Directing for Theatre I **Credit Hours: 3**

Junior Year - Spring (16 Credit Hours)

- General Education **Credit Hours: 3**
- General Education **Credit Hours: 3**
- General Education **Credit Hours: 3**
- TPP 4142C - Acting Verse **Credit Hours: 3**
- TPP 4223C - Theatre Careers in Performance **Credit Hours: 3**
- TPA 2290L - Theatre Participation-Production I **Credit Hours: Variable**

Junior Year - Summer (6 Credit Hours)

- TPP 4940L - Theatre Internship **Credit Hours: 6**

Senior Year - Fall (15 Credit Hours)

- General Education **Credit Hours: 3**
- TPP 2190L - Theatre Participation-Performance I **Credit Hours: Variable**
- TPP 4265C - Camera Acting **Credit Hours: 3**
- TPP 4730C - Voice and Accents **Credit Hours: 2**
- Theatre Elective **Credit Hours: 3**
- Theatre Elective **Credit Hours: 3**
- THE 4954 - Theatre Exit Critique **Credit Hours: 0**
- Audit Check

Senior Year - Spring (15 Credit Hours)

- TPP 4512C - Stage Combat **Credit Hours: 2**
- Theatre Elective **Credit Hours: 3**
- Theatre Elective **Credit Hours: 3**
- Theatre Participation **Credit Hours: 1**
- General Education **Credit Hours: 3**
- Theatre Elective **Credit Hours: 3**

Theatre, Design and Technology Track (B.F.A.)

College

College of Arts and Humanities

Department

Department of Theatre

Program Type

Major

Program Contact Information

College of Arts and Humanities

Department of Theatre

Performing Arts Center (PAC) T210A

407-823-2862

theatre@ucf.edu

Director of Production & Coordinator, Design and Technology Scenic and Lighting Design: Bert Scott,
Coordinator

Bert.Scott@ucf.edu

Program Description

The Bachelor of Fine Arts track in Design and Technology is offered for students who, upon graduation, plan to pursue a specialized career in professional theatre. It provides the student with a thorough foundation in theatre complemented by very structured and intensive career preparation in all areas of design and technology. Students can expect to work along side faculty as design or technical assistants in their first two years and will be given the opportunity for technical leadership opportunities including, prop master, master electrician, first hand, draper, scenic artist, master carpenter, technical director, etc. Those who qualify and wish to pursue design areas can be offered design positions within the production season. The curriculum requires students to become proficient in design and technology related to scenery, costumes, lighting and sound through specified coursework. Students then select one or two areas of specialization where their production assignments will focus in their junior and senior years, thus giving each student practical experience as they build their professional portfolios. The program culminates with a professional internship where students are able to apply their education in a real world work environment. While most students choose to enter the workforce following graduation, the BFA is an excellent degree for students who are interested in pursuing graduate studies in theatre. Work within the BFA program requires energy and dedication; therefore, other part-time study or outside employment is very challenging. BFA standards are high, both for admission and for continuation in the program. Production assignments are regulated to serve the artistic growth of students thus coordinating production experience with class room exploration.

Admission Requirements

- The departmental faculty evaluates students desiring to become BFA Design and Technology majors via portfolio reviews and interviews. This should be completed the academic year prior to attending UCF. For complete information visit the audition site online at <https://performingarts.cah.ucf.edu/study/#theatreundergrad>. All BFA students are accepted on a "Provisional" basis their first year. Faculty will evaluate their work and decide whether or not the student may continue the program at the end of the first year.
- The Design and Technology plan of study requires a Fall start for proper course sequencing. Students are not accepted to begin theatre courses in the Spring or Summer semesters.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog. Students must follow the most recent department, internship and school student handbooks which are available at <http://performingarts.cah.ucf.edu/academics/student-resources>.
- Students in this major must earn a "C" (2.0) or better or an "S" in each music or theatre course and maintain a 3.0 GPA for all courses required in the major and all courses taken in theatre; must not receive a negative evaluation in a regularly scheduled program review; and must not exhibit chronic unprofessional behavior. Failure to meet these standards will result in probation and/or dismissal from the program. Refer to the SPA Undergraduate Student Handbook- Theatre (<http://performingarts.cah.ucf.edu/academics/student-resources>) for details on program standards.
- Departmental Residency Requirement consists of 60 semester hours of courses taken from the UCF Theatre Department.
- All BFA Design and Technology majors are required to participate in Fall and Spring productions and must accept the production positions as assigned. Students must be registered for the appropriate Theatre Participation course in the term in which they participate. Students need not take additional hours to satisfy practicum requirements. Once students have completed their production participation requirements, they may register for a "0" credit participation course to meet departmental registration requirements if they choose. Students may use additional participation credits as electives.
- The department will accept one credit of Theatre Participation coursework for students transferring into the program. Any additional transfer participation credits will count towards electives.
- Internships are subject to departmental approval and may not be fulfilled through participating on a UCF theatre production.
- Courses designated Common Program Prerequisites are usually completed in the first 60 hours.
- Courses designated General Education Program are taken throughout all four years.
- Co-op cannot be used in this major.

General Education (GEP)

Communication Foundations
9 Total Credits

- Complete all of the following
 - Suggested:

- Complete the following:
 - SPC1608 - Fundamentals of Oral Communication (3)
- Earn at least 6 credits from the following course sets:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

Cultural & Historical Foundations
6 Total Credits

- Complete all of the following
 - Required:
 - Complete the following:
 - THE2000 - Theatre Survey (3)
 - ARH2051 - History of Western Art II (3)
 - THE 2000 - This course is only taught during Fall semesters for the BFA students.

Mathematical Foundations
6 Total Credits
No Rules
Math
3 Total Credits

- Complete all of the following
 - Suggested:
 - Complete at least 1 of the following:
 - MGF1107 - Explorations in Mathematics (3)
 - MGF1106 - Finite Mathematics (3)
 - You may substitute a higher level math with appropriate scores on the Math Placement Test.

Statistics - Computers
3 Total Credits

- Complete at least 1 courses from the following:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)

Social Foundations
6 Total Credits

- Complete all of the following
 - Preferred:
 - Complete the following:
 - AMH2020 - U.S. History: 1877-Present (3)
 - Earn at least 3 credits from the following course sets:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)

- ECO2013 - Principles of Macroeconomics (3)
- ECO2023 - Principles of Microeconomics (3)
- POS2041 - American National Government (3)

Science Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:

GEP 11- Science Foundation

- AST2002 - Astronomy (3)
- CHM1020 - Concepts in Chemistry (3)
- CHM1032 - General Chemistry (3)
- CHM2045C - Chemistry Fundamentals I (4)
- CHS1440 - Principles of Chemistry (4)
- PHY1038 - Physics of Energy, Climate Change and Environment (3)
- PHY2020 - Concepts of Physics (3)
- PHY2048 - General Physics Using Calculus I (3)
- PHY2053 - College Physics I (3)
- PSC1121 - Physical Science (3)

GEP 12- Science Foundation

- ANT2511 - The Human Species (3)
- BSC1005 - Biological Principles (3)
- BSC2010C - Biology I (4)
- EVR1001 - Introduction to Environmental Science (3)
- GEO1200 - Physical Geography (3)
- GEO2370 - Resources Geography (3)
- GLY1030 - Geology and its Applications (3)
- GLY2038 - Environmental Geoscience (3)
- MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
- MET2104 - The Earth's Climate (3)

Grand Total Credits: **33**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - Earn at least 20 credits from the following:
 - THE2000 - Theatre Survey (3)
 - THE2305 - Script Analysis for Theatre (3)
 - THE2925L - Theatre Participation - Management I (99)
 - TPA2290L - Theatre Participation-Production I (1 - 99)
 - TPP2110C - Acting I - Freeing the Actor (3)
 - TPA2210 - Stagecraft I (3)
 - Theatre Electives (THE, TPP, TPA prefix) Credit Hours: 9
 - GEP Course: THE 2000 - This course is only taught during Fall semesters for the BFA students.
 - THE 2305, TPP 2110C, TPA 2210 - See Transfer Notes for possible substitutes.

Grand Total Credits: **20**

Degree Requirements

Core Requirements: Basic Level
20 Total Credits

- Complete all of the following
 - Earn at least 14 credits from the following:
 - ARH2051 - History of Western Art II (3)
 - TPA2210L - Stagecraft I Lab (1)
 - TPA2211L - Stagecraft II Lab (1)
 - TPA2220C - Stage Electronics (3)
 - TPA2071C - Theatre Rendering (3)
 - TPA2000C - Theatre Design Basics (3)
 - TPA2600C - Stage Management: Introduction (3)
 - TPA1990 - BFA Review I
 - TPA2991 - BFA Review II
 - GEP Course: ARH 2051
 - Complete at least 2 of the following:
 - TPA2211 - Stagecraft II (3)
 - TPA2232C - Costume Construction (3)
 - TPA3077C - Scene Painting (3)

Core Requirements: Advanced Level
53 Total Credits

- Complete all of the following
 - Earn at least 40 credits from the following:
 - THE3311 - Theatre History and Dramatic Literature I (3)
 - THE3312 - Theatre History and Dramatic Literature II (3)
 - THE3313 - Theatre History and Dramatic Literature III (3)
 - TPP3310C - Directing for Theatre I (3)
 - THE4284 - Period Costume, Architecture, and Decor I (3)
 - THE4285 - Period Costume, Architecture, and Decor II (3)
 - TPA3195L - Summer Theatre Studio/Tech/Design I (3)
 - TPA3197L - Summer Theatre Studio/Tech/Design II (3)
 - TPA4250C - CADD for Theatre (2)
 - TPA4251C - Advanced CADD for Theatre (2)
 - TPA4401C - Theatre Careers in Production (3)
 - TPA4066C - Advanced Scenography (3)
 - THE4954 - Theatre Exit Critique
 - TPP4940L - Theatre Internship (6)
 - TPA3992 - BFA Review III
 - TPA3995 - Preliminary Portfolio Review
 - TPA4900 - Capstone Portfolio Review
 - Complete at least 3 of the following:
 - TPA3060C - Scenic Design for Theatre I (3)
 - TPA3045C - Costume Design for Theatre I (3)
 - TPA3223C - Lighting Design for Theatre I (3)
 - TPA3265C - Sound Design for Theatre I (3)

Take Four Times:

- Earn at least 4 credits from the following:
 - TPA4298L - Theatre Participation-Production II (1 - 99)

Grand Total Credits: **73**

Program Details

Restricted Electives

- none

Capstone Requirements

- none

Electives

- none

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- none

Additional Requirements

- Signature Experience requirement is met by successful completion of the following course(s):
- TPP 4940L - Theatre Internship **Credit Hours: 6**

Required Minors

- none

Departmental Exit Requirements

- Earn a grade of "C" (2.0) or better in each Theatre course
- Maintain a Theatre GPA of "B" (3.0) or better
- Complete 93 theatre credits in addition to the GEP for a total of 129. Courses that count in the GEP cannot also count towards total theatre credits.
- Minimum of 60 theatre credits must be completed in residency at UCF.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed

- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 129

Additional Information

Honors In Major

- Students interested in completing Honors in the Major should contact their program advisor. More information about Honors in the Major can be found at <http://research.honors.ucf.edu/honors-in-the-Major>.

Related Programs

- Art, Studio Track (B.A.)
- Film (B.F.A.)
- Music (B.A.)
- Theatre Studies (B.A.)

Certificates

- None

Related Minors

- Theatre Minor
- Event Management Minor
- Performing Arts Administration Minor
- Dance Minor
- Art - Studio Minor
- Music Minor
- Film, Cinema Studies Minor

Advising Notes

- Students must consult with a departmental advisor every semester before registration. Students who do not consult with their department advisor will be placed on departmental probation. Repeated failure to consult with a department advisor may lead to release from the program.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$45 per term
- Full-Time Student: \$90 per term

Transfer Notes

- Due to its conservatory nature, the BFA demands a closely integrated four-year curriculum. Although the program is not designated for transfer students, transfer students may audition and may be admitted, but they should consult with the Department Undergraduate Coordinator to evaluate their transfer credits and to estimate the length of their program of study. We encourage any student wishing to transfer to complete the General Education Program and the Common Program Prerequisites before

transferring within the Florida College System or State University System.

- Courses taken at Florida College System institutions may substitute for select upper division courses with permission of the department, although they will not count as upper division credits. University minimum upper division credit requirements must still be met.
- Transfer students will be required to meet the departmental theatre participation requirement through participation on UCF productions.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses

Acceptable substitutes for common program prerequisites if taken prior to transferring to UCF:

- THE 2305 - Script Analysis for Theatre **Credit Hours: 3** May use any introductory Theatre Play or Script Analysis class. Script Analysis for Film cannot substitute. Design and Technology students are encouraged to take this course at UCF.
- TPA 2210 - Stagecraft I **Credit Hours: 3** May be substituted with any introductory Stagecraft course. TPA 2210L will still need to be taken at UCF.
- TPP 3310C - Directing for Theatre I **Credit Hours: 3** May be substituted with TPP 2300 or any introductory Theatre Directing Course. Directing for Film cannot substitute.
- TPP 2110C - Acting I – Freeing the Actor **Credit Hours: 3** May be substituted with any introductory acting for theatre course.

Plan of Study

Freshman Year - Fall (16 Credit Hours)

- THE 2000 - Theatre Survey **Credit Hours: 3**

This course is only taught during Fall semesters for the BFA students.

- General Education **Credit Hours: 3**
- TPA 2210 - Stagecraft I **Credit Hours: 3**
- TPA 2210L - Stagecraft I Lab **Credit Hours: 1**
- TPA 2000C - Theatre Design Basics **Credit Hours: 3**
- TPA 2220C - Stage Electronics **Credit Hours: 3**
- TPA 1990 - BFA Review I **Credit Hours: 0**

Freshman Year - Spring (12 Credit Hours)

- TPA 4250C - CADD for Theatre **Credit Hours: 2**
- TPA 2071C - Theatre Rendering **Credit Hours: 3**
- THE 2305 - Script Analysis for Theatre **Credit Hours: 3**
- TPA 2211L - Stagecraft II Lab **Credit Hours: 1**
- TPA 2991 - BFA Review II **Credit Hours: 0**

Select One:

- TPA 2211 - Stagecraft II **Credit Hours: 3**
- TPA 2232C - Costume Construction **Credit Hours: 3**
- TPA 3077C - Scene Painting **Credit Hours: 3**

Freshman Year - Summer (6 Credit Hours)

- TPA 3195L - Summer Theatre Studio/Tech/Design I **Credit Hours: 3**
- TPA 3197L - Summer Theatre Studio/Tech/Design II **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- THE 3311 - Theatre History and Dramatic Literature I **Credit Hours: 3**
- TPA 4251C - Advanced CADD for Theatre **Credit Hours: 2**
- TPA 2600C - Stage Management: Introduction **Credit Hours: 3**
- Theatre Elective **Credit Hours: 3**
- TPA 2290L - Theatre Participation-Production I **Credit Hours: Variable**

Select One Course not Previously Taken:

- TPA 2211 - Stagecraft II **Credit Hours: 3**
- TPA 2232C - Costume Construction **Credit Hours: 3**
- TPA 3077C - Scene Painting **Credit Hours: 3**

Sophomore Year - Spring (13 Credit Hours)

- THE 3312 - Theatre History and Dramatic Literature II **Credit Hours: 3**
- General Education **Credit Hours: 3**
- General Education **Credit Hours: 3**
- THE 2925L - Theatre Participation - Management I **Credit Hours: 1**
- ARH 2051 - History of Western Art II **Credit Hours: 3**
- TPA 3992 - BFA Review III **Credit Hours: 0**

Junior Year - Fall (16 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- THE 3313 - Theatre History and Dramatic Literature III **Credit Hours: 3**
- TPP 2110C - Acting I - Freeing the Actor **Credit Hours: 3**
- TPA 4298L - Theatre Participation-Production II **Credit Hours: Variable**
- General Education **Credit Hours: 3**

Select One:

- TPA 3045C - Costume Design for Theatre I **Credit Hours: 3**
- TPA 3060C - Scenic Design for Theatre I **Credit Hours: 3**
- TPA 3223C - Lighting Design for Theatre I **Credit Hours: 3**
- TPA 3265C - Sound Design for Theatre I **Credit Hours: 3**

Junior Year - Spring (13 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- General Education **Credit Hours: 3**
- TPA 4401C - Theatre Careers in Production **Credit Hours: 3**
- TPA 4298L - Theatre Participation-Production II **Credit Hours: Variable**
- Theatre Elective **Credit Hours: 3**
- TPA 3995 - Preliminary Portfolio Review **Credit Hours: 0**

Junior Year - Summer (6 Credit Hours)

- TPP 4940L - Theatre Internship **Credit Hours: 6**

Senior Year - Fall (16 Credit Hours)

- General Education **Credit Hours: 3**
- THE 4284 - Period Costume, Architecture, and Decor I **Credit Hours: 3**
- TPP 3310C - Directing for Theatre I **Credit Hours: 3**
- TPA 4298L - Theatre Participation-Production II **Credit Hours: Variable**
- THE 4954 - Theatre Exit Critique **Credit Hours: 0**
- Theatre Elective **Credit Hours: 3**
- Audit Review

Select One Course not Previously Taken:

- TPA 3045C - Costume Design for Theatre I **Credit Hours: 3**
- TPA 3060C - Scenic Design for Theatre I **Credit Hours: 3**
- TPA 3223C - Lighting Design for Theatre I **Credit Hours: 3**
- TPA 3265C - Sound Design for Theatre I **Credit Hours: 3**

Senior Year - Spring (16 Credit Hours)

- General Education **Credit Hours: 3**
- General Education **Credit Hours: 3**
- THE 4285 - Period Costume, Architecture, and Decor II **Credit Hours: 3**
- TPA 4066C - Advanced Scenography **Credit Hours: 3**
- TPA 4298L - Theatre Participation-Production II **Credit Hours: Variable**
- TPA 4900 - Capstone Portfolio Review **Credit Hours: 0**

Select One Course not Previously Taken:

- TPA 3045C - Costume Design for Theatre I **Credit Hours: 3**
- TPA 3060C - Scenic Design for Theatre I **Credit Hours: 3**
- TPA 3223C - Lighting Design for Theatre I **Credit Hours: 3**
- TPA 3265C - Sound Design for Theatre I **Credit Hours: 3**

Theatre Minor

College

College of Arts and Humanities

Department

Department of Theatre

Program Type

Minor

Program Contact Information

College of Arts and Humanities
Department of Theatre
Performing Arts Center (PAC) T224
407-823-2758

Academic Services Coordinator: Lauren Becker
Lauren.Becker@ucf.edu

Program Description

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Required Courses

12 Total Credits

- Complete all of the following
 - Earn at least 12 credits from the following:
 - THE2000 - Theatre Survey (3)
 - THE3006 - Greece to Grease: Development of Theatre (3)
 - TPP2185 - Acting for Non-majors (3)
 - TPA2200 - Introduction to Technical Theatre (2)
 - TPA2290L - Theatre Participation-Production I (1 - 99)
 - TPP 2185 - Acting for Non-majors- Can substitute any Acting Class
 - TPA 2200 - Introduction to Technical Theatre-Can substitute any Stagecraft Class.

Restricted Electives

6 Total Credits

- Earn at least 6 credits from the following types of courses:
Any DAA, DAN, THE, TPA, or TPP course taught by the Theatre Department and not already applied toward a program requirement. Independent Study, Undergraduate Research and Honors in the Major courses taught by the Department of Theatre can also be used as electives. Exceptions must be approved by the Theatre Department Undergraduate Coordinator.

Grand Total Credits: **18**

Program Details

Other Requirements

- A grade of "C" (2.0) or better is required in all courses used to satisfy the minor.
- At least 12 hours used toward the minor must be earned from the UCF Theatre Department. Transfer credits are allowed, but student must still complete 12 credits from UCF Theatre Department.
- No credit by exam (TSD, Military credit) may be used.
- Students must consult departmental handbooks every semester.
- Students are encouraged to consult the theatre minor advisor with questions regarding course selection and electives.

Theatre, Musical Theatre Track (B.F.A.)

College

College of Arts and Humanities

Department

Department of Theatre

Program Type

Major

Program Contact Information

College of Arts and Humanities
Department of Theatre
Performing Arts Center (PAC) T210A
407-823-2862
theatre@ucf.edu

Coordinator, Musical Theatre: Earl Weaver
407-823-5158
earl.weaver@ucf.edu

Program Description

The Bachelor of Fine Arts track in Musical Theatre is offered for students who, upon graduation, plan to pursue a specialized performance career on the musical theatre stage. It provides the student with a thorough foundation in theatre complemented by very structured and intensive career preparation in all areas of musical theatre. The Musical Theatre B.F.A. program offers a sequence of courses in acting, movement, voice, dance, music theory, and piano. Classwork is augmented with practical production experiences. Drawing upon a variety of acting, dance, and voice methodologies, the professional musical theatre performance program offers an organic approach to musical theatre performance training. The first two years focus on the fundamentals of music theory, piano, acting, ballet, jazz, and musical theatre voice, with an emphasis on the development of artist's instrument. During the junior and senior years, emphasis is placed on studio training, musical theatre scene study, and musical theatre repertoire. The program culminates with a professional internship where students are able to apply their education in a real world work environment. While most students choose to enter the work force following graduation, the BFA is an excellent degree for students interested in pursuing graduate studies in theatre. Work within the BFA program requires energy and dedication; therefore, other part-time study or outside employment is very challenging. BFA standards are high, both for admission and for continuation in the program.

Admission Requirements

- The departmental faculty evaluates students desiring to become BFA majors via auditions and interviews. This should be completed the academic year prior to attending UCF. For complete information visit the audition site online at <https://performingarts.cah.ucf.edu/study/#theatreundergrad>. All BFA students are accepted on a "Provisional" basis their first year. Faculty will evaluate their work and decide whether or not the student may continue the program at the end of the first year.
- The Musical Theatre plan of study requires a Fall start for proper course sequencing. Students are not accepted to begin theatre courses in the Spring or Summer semesters.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog. Students must follow the most recent department, internship and school student handbooks which are available on the department website at <http://performingarts.cah.ucf.edu/academics/student-resources>.
- Students in this major must earn a "C" (2.0) or better or an "S" in each theatre course and maintain a 3.0 GPA for all courses required in the major and all courses taken in theatre and music; must not receive a negative evaluation in a regularly scheduled program review; and must not exhibit chronic unprofessional behavior. Failure to meet these standards will result in probation and/or dismissal from the program. Refer to the SPA Undergraduate Student Handbook - Theatre (<http://performingarts.cah.ucf.edu/academics/student-resources>) for details on program standards.
- Departmental Residency Requirement consists of 60 semester hours of courses taken from the UCF Theatre Department.
- All BFA Musical Theatre majors are required to audition for all Fall and Spring productions and must accept the roles assigned. Students must be registered for the appropriate Theatre Participation course in the term in which they participate. Students need not take additional hours to satisfy practicum requirements. Once students have completed their production participation requirements, they may register for a "0" credit participation course to meet departmental registration requirements if they choose. Students may use additional participation credits as electives.
- The department will accept one credit of Theatre Participation coursework for students transferring into the program. Any additional transfer participation credits will count toward electives.
- Internships are subject to departmental approval and may not be fulfilled through participating on a UCF theatre production.
- Courses designated Common Program Prerequisites are usually completed in the first 60 hours.
- Courses designated General Education Program are taken throughout all four years.
- Co-op cannot be used in this major.

General Education (GEP)

Communication Foundations
9 Total Credits

- Earn at least 9 credits from the following course sets:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)

- SPC1603C - Fundamentals of Technical Presentations (3)
- SPC1608 - Fundamentals of Oral Communication (3)

Cultural & Historical Foundations

9 Total Credits

- Complete all of the following
 - Required:
 - Complete the following:
 - THE2000 - Theatre Survey (3)
 - THE 2020 course is only taught during the fall semesters for the BFA students.
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)

Mathematical Foundations

6 Total Credits

No Rules

Math:

3 Total Credits

- Complete all of the following
 - Suggested:
 - Complete at least 1 of the following:
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - May substitute a higher level math with appropriate scores on the Math Placement Test.

Statistics - Computers

3 Total Credits

- Complete at least 1 courses from the following:
GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Preferred:
 - Complete the following:
 - AMH2020 - U.S. History: 1877-Present (3)
 - Earn at least 3 credits from the following course sets:
GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - Earn at least 20 credits from the following:
 - THE2000 - Theatre Survey (3)
 - THE2305 - Script Analysis for Theatre (3)
 - THE2925L - Theatre Participation - Management I (99)
 - TPA2290L - Theatre Participation-Production I (1 - 99)
 - TPA2200 - Introduction to Technical Theatre (2)
 - TPA2200L - Intro to Technical Theatre Lab (1)
 - TPP2110C - Acting I - Freeing the Actor (3)
 - Theatre Electives (THE, TPP, TPA prefix) Credit Hours: 9
 - GEP Course: THE 2000
 - THE 2000, THE 2305, TPA 2200, TPP 2110C - See Transfer Notes for possible substitutes.

Grand Total Credits: **20**

Degree Requirements

Core Requirements: Basic Level

25 Total Credits

- Earn at least 25 credits from the following:
 - MUT1121 - Music Theory and Musicianship I (4)
 - MUT1122 - Music Theory and Musicianship II (4)
 - MVK1111 - Class Piano I (1)
 - MVK1112 - Class Piano II (1)
 - DAA2200C - Ballet I (2)
 - DAA2201C - Ballet II (2)
 - DAA2570C - Jazz Dance I (2)
 - DAA2571C - Jazz Dance II (2)
 - DAA2520C - Tap Dance I (2)
 - TPA2248C - Makeup Techniques (2)
 - TPP2170C - Acting II - The Actor and Text (3)

Core Requirements: Advanced Level

48 Total Credits

- Earn at least 48 credits from the following:
 - TPP3173C - Acting III - The Actor and Character (3)
 - TPP4140C - Acting IV - The Actor at Play (3)
 - TPP3251C - Musical Theatre Monologue (2)
 - TPP3252C - Musical Theatre Scene Study (2)
 - THE3240 - Evolution of Musical Theatre (3)
 - THE3311 - Theatre History and Dramatic Literature I (3)
 - THE3312 - Theatre History and Dramatic Literature II (3)
 - TPP2742C - Estill for Musical Theatre - Craft (2)
 - TPP3272C - Estill for Musical Theatre - Artistry (2)
 - TPP3743C - Musical Theatre Applied/Studio Voice I (2)
 - TPP3744C - Musical Theatre Applied/Studio Voice II (2)
 - TPP4259C - MT Applied/Studio Voice III (2)
 - TPP4270C - MT Applied/Studio Voice IV (2)
 - TPP4271C - MT Applied/Studio Voice V (2)
 - TPP4923C - MT Applied/Studio Voice VI (2)
 - TPP4940L - Theatre Internship (6)
 - TPP4223C - Theatre Careers in Performance (3)
 - TPP3310C - Directing for Theatre I (3)
 - TPP4193L - Theatre Participation-Performance II (1 - 99)
 - THE4954 - Theatre Exit Critique

Grand Total Credits: **73**

Program Details

Restricted Electives

-
- Any THE, TPA, TPP, DAA, or DAN course taught by the Theatre Department and not already applied toward a program requirement. Independent Study, Undergraduate Research and Honors in the Major courses taught by the Department of Theatre can also be used as electives. Exceptions must be approved in advance by the Theatre Department Undergraduate Coordinator. Courses with these prefixes not taught by the Department of Theatre cannot be used in this program.

Capstone Requirements

- None

Electives

- (variable)

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- Signature Experience requirement is met by successful completion of the following course(s):
- TPP 4940L - Theatre Internship **Credit Hours: 6**

Required Minors

- None

Departmental Exit Requirements

- Earn a grade of "C" (2.0) or better in each Theatre course
- Maintain a Theatre GPA of "B" (3.0) or better
- Complete an Exit Survey, Exit Interview, and Audit Check the semester prior to final semester of theatre classes
- Minimum of 60 theatre credits must be completed in residency at UCF

- Complete 93 theatre credits in addition to the GEP for a total of 129. Courses that count in the GEP cannot also count towards total theatre credits.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 129

Additional Information

Honors In Major

- Students interested in completing Honors in the Major should contact their program advisor. More information about Honors in the Major can be found at <http://research.honors.ucf.edu/honors-in-the-Major>.

Related Programs

- Film (B.F.A.)
- Music (B.A.)
- Theatre Studies (B.A.)

Certificates

- None

Related Minors

- Music Minor
- Film, Cinema Studies Minor
- Theatre Minor
- Dance Minor

Advising Notes

- Students must consult with a departmental advisor every semester before registration. Students who do not consult with their department advisor will be placed on departmental probation. Repeated failure to consult with a department advisor may lead to release from the program.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$45 per term
- Full-Time Student: \$90 per term

Transfer Notes

- Due to its conservatory nature, the BFA demands a closely integrated four-year curriculum. Although the program is not designed for transfer students, transfer students may audition and may be admitted, but they should consult with the Department Undergraduate Coordinator to evaluate their transfer credits and to estimate the length of their program of study. We encourage any student wishing to transfer to complete the General Education Program and the Common Program Prerequisites before transferring within the Florida College System or State University System.
- Courses taken at Florida College System institutions may substitute for select upper division courses with permission of the department, although they will not count as upper division credits. University minimum upper division credit requirement must still be met.
- Transfer students will be required to meet the departmental theatre participation requirement through participation on UCF productions.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses

Acceptable Substitutes for common program prerequisites if taken prior to transferring to UCF:

- THE 2305 - Script Analysis for Theatre **Credit Hours: 3** May use any introductory Theatre Play or Script Analysis class. Script Analysis for Film cannot substitute.
- TPA 2200 - Introduction to Technical Theatre **Credit Hours: 2** May be substituted with any introductory Stagecraft Course. Lab will still need to be taken.
- TPP 3310C - Directing for Theatre I **Credit Hours: 3** May be substituted with TPP 2300 or any introductory Theatre Directing course. Directing for Film cannot substitute.
- TPP 2110C - Acting I - Freeing the Actor **Credit Hours: 3** May be substituted with any introductory acting for theatre course.

Plan of Study

Freshman Year - Fall (14 Credit Hours)

- THE 2000 - Theatre Survey **Credit Hours: 3**
- DAA 2200C - Ballet I **Credit Hours: 2**
- THE 2305 - Script Analysis for Theatre **Credit Hours: 3**
- TPA 2290L - Theatre Participation-Production I **Credit Hours: Variable**
- TPP 2742C - Estill for Musical Theatre - Craft **Credit Hours: 2**
- ENC 1101 - Composition I **Credit Hours: 3**

Freshman Year - Spring (16 Credit Hours)

- TPP 2110C - Acting I - Freeing the Actor **Credit Hours: 3**
- DAA 2201C - Ballet II **Credit Hours: 2**
- TPP 3272C - Estill for Musical Theatre - Artistry **Credit Hours: 2**
- General Education **Credit Hours: 3**
- General Education **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- MUT 1121 - Music Theory and Musicianship I **Credit Hours: 4**
- MVK 1111 - Class Piano I **Credit Hours: 1**

- TPP 2170C - Acting II - The Actor and Text **Credit Hours: 3**
- DAA 2570C - Jazz Dance I **Credit Hours: 2**
- TPP 3743C - Musical Theatre Applied/Studio Voice I **Credit Hours: 2**
- THE 3240 - Evolution of Musical Theatre **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- MUT 1122 - Music Theory and Musicianship II **Credit Hours: 4**
- MVK 1112 - Class Piano II **Credit Hours: 1**
- DAA 2571C - Jazz Dance II **Credit Hours: 2**
- TPP 3173C - Acting III - The Actor and Character **Credit Hours: 3**
- THE 3311 - Theatre History and Dramatic Literature I **Credit Hours: 3**
- TPP 3744C - Musical Theatre Applied/Studio Voice II **Credit Hours: 2**

Junior Year - Fall (15 Credit Hours)

- TPA 2248C - Makeup Techniques **Credit Hours: 2**
- General Education **Credit Hours: 3**
- TPP 4259C - MT Applied/Studio Voice III **Credit Hours: 2**
- TPP 3251C - Musical Theatre Monologue **Credit Hours: 2**
- General Education **Credit Hours: 3**
- THE 3312 - Theatre History and Dramatic Literature II **Credit Hours: 3**

Junior Year - Spring (16 Credit Hours)

- TPP 4223C - Theatre Careers in Performance **Credit Hours: 3**
- TPP 4270C - MT Applied/Studio Voice IV **Credit Hours: 2**
- TPP 3252C - Musical Theatre Scene Study **Credit Hours: 2**
- General Education **Credit Hours: 3**
- TPA 2200 - Introduction to Technical Theatre **Credit Hours: 2**
- TPA 2200L - Intro to Technical Theatre Lab **Credit Hours: 1**
- General Education **Credit Hours: 3**

Junior Year - Summer (6 Credit Hours)

- TPP 4940L - Theatre Internship **Credit Hours: 6**

Senior Year - Fall (17 Credit Hours)

- DAA 2520C - Tap Dance I **Credit Hours: 2**
- THE 4954 - Theatre Exit Critique **Credit Hours: 0**
- TPP 4140C - Acting IV - The Actor at Play **Credit Hours: 3**
- TPP 4271C - MT Applied/Studio Voice V **Credit Hours: 2**
- THE 2925L - Theatre Participation - Management I **Credit Hours: 1**
- General Education **Credit Hours: 3**
- General Education **Credit Hours: 3**
- Theatre Elective **Credit Hours: 3**

- TPP 3310C - Directing for Theatre I **Credit Hours: 3**
- TPP 4923C - MT Applied/Studio Voice VI **Credit Hours: 2**
- TPP 4193L - Theatre Participation-Performance II **Credit Hours: Variable**
- General Education **Credit Hours: 3**
- Theatre Elective **Credit Hours: 3**
- Theatre Elective **Credit Hours: 3**

Theatre, Stage Management Track (B.F.A.)

College

College of Arts and Humanities

Department

Department of Theatre

Program Type

Major

Program Contact Information

College of Arts and Humanities

Department of Theatre

Performing Arts Center (PAC) T210A

407-823-2862

theatre@ucf.edu

Coordinator, Stage Management: Claudia Lynch

claudia.lynnch@ucf.edu

Program Description

The Bachelor of Fine Arts track in Stage Management is offered for students who, upon graduation, plan to pursue a specialized career as a Manager in the entertainment industry including Broadway, Regional Theatre, Touring, Special Events, etc. It provides the student with a thorough foundation in theatre complemented by very structured and intensive career preparation in both the art and the craft of theatrical stage management. Students spend the first year of the curriculum working within the structure of the laboratory classes to gain a thorough understanding of the structure, process, and craft skills. Within the first four semesters, those who qualify receive an assignment on a Stage Management team. The student Stage Managers work with the Faculty Directors to manage the rehearsal through performance process of all Department Productions. Stage Managers also have opportunities to work directly with our partner theatres within Orlando (ex. The Orlando Repertory Theatre) as part of the curriculum thus giving each student practical experience as they build their professional portfolios. The curriculum requires students to become proficient in design, technology, and theatre management through specified coursework. In their advanced course work, student Stage Managers receive a thorough introduction to the collective bargaining agreements within Actor's Equity Association. The program culminates with a professional internship where students are able to apply their education in a real world work environment. While most students choose to enter the workforce following graduation, the BFA is an excellent degree for students who are interested in pursuing graduate studies in all areas of theatre. Work within the BFA program requires energy and dedication; therefore, other part-time study or outside employment is very challenging. BFA standards are high, both for admission and for continuation in the program. Production assignments are regulated to serve the artistic growth of students thus coordinating production experience with class room exploration.

Admission Requirements

- The departmental faculty evaluates students desiring to become BFA Stage Management majors via portfolio reviews and interviews. This should be completed the academic year prior to attending UCF. For complete information visit the audition site online at <https://performingarts.cah.ucf.edu/study/#theatreundergrad>. All BFA students are accepted on a "Provisional" basis their first year. Faculty will evaluate their work and decide whether or not the student may continue the program at the end of the first year.
- The Stage Management plan of study requires a Fall start for proper course sequencing. Students are not accepted to begin theatre courses in the Spring or Summer semesters.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog. Students must follow the most recent department, internship and school student handbooks which are available at <http://performingarts.cah.ucf.edu/academics/student-resources>.
- Students in this major must earn a "C" (2.0) or better or an "S" in each music or theatre course and maintain a 3.0 GPA for all courses required in the major and all courses taken in theatre; must not receive a negative evaluation in a regularly scheduled program review; and must not exhibit chronic unprofessional behavior. Failure to meet these standards will result in probation and/or dismissal from the program. Refer to the SPA Undergraduate Student Handbook- Theatre (<http://performingarts.cah.ucf.edu/academics/student-resources>) for details on program standards.
- Departmental Residency Requirement consists of 60 semester hours of courses taken from the UCF Theatre Department.
- All BFA Stage Management majors are required to participate in Fall and Spring productions and must accept the production positions as assigned. Students must be registered for the appropriate Theatre Participation course in the term in which they participate. Students need not take additional hours to satisfy practicum requirements. Once students have completed their production participation requirements, they may register for a "0" credit participation course to meet departmental registration requirements if they choose. Students may use additional participation credits as electives.
- The department will accept one credit of Theatre Participation coursework for students transferring into the program. Any additional transfer participation credits will count towards electives.
- Internships are subject to departmental approval and may not be fulfilled through participating on a UCF theatre production.
- Courses designated Common Program Prerequisites are usually completed in the first 60 hours.
- Courses designated General Education Program are taken throughout all four years.
- Co-op cannot be used in this major.

General Education (GEP)

Communication Foundations
9 Total Credits

- Complete all of the following
 - Preferred:
 - Complete the following:
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Earn at least 6 credits from the following course sets:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

Cultural and Historical Foundations
9 Total Credits

- Complete all of the following
 - Required:
 - Complete the following:
 - THE2000 - Theatre Survey (3)
 - ARH2051 - History of Western Art II (3)
 - THE 2000 - course is only taught in Fall semesters for the BFA students
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)

Mathematical Foundations
6 Total Credits
No Rules
Math:
3 Total Credits

- Complete all of the following
 - Suggested:
 - Complete at least 1 of the following:
 - MGF1107 - Explorations in Mathematics (3)
 - MGF1106 - Finite Mathematics (3)

- You may substitute a higher level math with appropriate scores on the Math Placement Test.

Statistics - Computers:

3 Total Credits

- Complete at least 1 courses from the following:
GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Preferred:
 - Complete the following:
 - AMH2020 - U.S. History: 1877-Present (3)
 - Required:
 - Complete the following:
 - PSY2012 - General Psychology (3)

Science Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
- GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information.
 - Earn at least 20 credits from the following:
 - THE2000 - Theatre Survey (3)
 - THE2305 - Script Analysis for Theatre (3)
 - THE2925L - Theatre Participation - Management I (99)
 - TPA2290L - Theatre Participation-Production I (1 - 99)
 - TPP2110C - Acting I - Freeing the Actor (3)
 - TPA2210 - Stagecraft I (3)
 - Theatre Electives (THE, TPP, TPA prefix) Credit Hours: 9
 - GEP Course: THE 2000 - course is only taught in Fall semesters for the BFA students
 - THE 2000, THE 2305, TPP 2110C, TPA 2210: See Transfer Notes for possible substitutes.

Grand Total Credits: **20**

Degree Requirements

Core Requirements: Basic Level

19 Total Credits

- Complete all of the following
 - Complete the following:
 - MUT1004 - Fundamentals of Music I (3)
 - TPA2600C - Stage Management: Introduction (3)
 - TPA2220C - Stage Electronics (3)
 - TPA2210L - Stagecraft I Lab (1)
 - TPA2211L - Stagecraft II Lab (1)
 - TPA2000C - Theatre Design Basics (3)
 - TPA1990 - BFA Review I
 - TPA2991 - BFA Review II
 - Complete at least 1 of the following:
 - TPA2211 - Stagecraft II (3)
 - TPA2232C - Costume Construction (3)
 - Complete at least 1 of the following:
 - DAA2000C - Introduction to Theatre Dance (2)
 - TPP4512C - Stage Combat (2)
 - DAA2520C - Tap Dance I (2)
 - DAA2200C - Ballet I (2)

Core Requirements: Advanced Level

54 Total Credits

- Complete all of the following
 - Earn at least 48 credits from the following:
 - THE3311 - Theatre History and Dramatic Literature I (3)
 - THE3312 - Theatre History and Dramatic Literature II (3)
 - THE3313 - Theatre History and Dramatic Literature III (3)
 - TPP3310C - Directing for Theatre I (3)
 - TPA4250C - CADD for Theatre (2)
 - TPP3103 - Intermediate Acting (3)
 - TPA4298L - Theatre Participation-Production II (1 - 99)
 - TPA4298L - Theatre Participation-Production II (1 - 99)
 - TPA4298L - Theatre Participation-Production II (1 - 99)
 - TPA4298L - Theatre Participation-Production II (1 - 99)
 - TPA3601C - Stage Management: Techniques (3)
 - TPA4602C - Stage Management: Applications (3)
 - TPA4604C - Stage Management: Professional Practice (3)
 - TPA4400 - Theatre Management (3)
 - TPA3195L - Summer Theatre Studio/Tech/Design I (3)
 - TPA3197L - Summer Theatre Studio/Tech/Design II (3)
 - TPA4401C - Theatre Careers in Production (3)
 - THE4954 - Theatre Exit Critique
 - TPP4940L - Theatre Internship (6)
 - TPA3992 - BFA Review III
 - TPA3995 - Preliminary Portfolio Review
 - Complete at least 1 of the following:
 - TPA3060C - Scenic Design for Theatre I (3)
 - TPA3045C - Costume Design for Theatre I (3)
 - Complete at least 1 of the following:
 - TPA3223C - Lighting Design for Theatre I (3)
 - TPA3265C - Sound Design for Theatre I (3)

Grand Total Credits: **73**

Program Details

Restricted Electives

- None

Capstone Requirements

- None

Electives

- None

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- Signature Experience requirement is met by successful completion of the following course(s):
- TPP 4940L - Theatre Internship **Credit Hours: 6**

Required Minors

- None

Departmental Exit Requirements

- Earn a grade of "C" (2.0) or better in each Theatre course
- Maintain a Theatre GPA of "B" (3.0) or better
- Complete an Exit Survey, Exit Interview and Audit Check the semester prior to final semester of theatre classes.
- Complete 93 theatre credits in addition to the GEP for a total of 129. Courses that count in the GEP cannot also count towards total theatre credits.
- Minimum of 60 theatre credits must be completed in residency at UCF.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 129

Additional Information

Honors In Major

- Students interested in completing Honors in the Major should contact their program advisor. More information about Honors in the Major can be found at <http://research.honors.ucf.edu/honors-in-the-Major>.

Related Programs

- Art, Studio Track (B.A.)
- Film (B.F.A.)
- Music (B.A.)
- Theatre Studies (B.A.)

Certificates

- None

Related Minors

- Theatre Minor
- Event Management Minor
- Performing Arts Administration Minor
- Dance Minor
- Art - Studio Minor
- Music Minor
- Film, Cinema Studies Minor

Advising Notes

- Students must consult with a departmental advisor every semester before registration. Students who do not consult with their department advisor will be placed on departmental probation. Repeated failure to consult with a department advisor may lead to release from the program.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$45 per term
- Full-Time Student: \$90 per term

Transfer Notes

- Due to its conservatory nature, the BFA demands a closely integrated four-year curriculum. Although the program is not designated for transfer students, transfer students may audition and may be admitted, but they should consult with the Department Undergraduate Coordinator to evaluate their transfer credits and to estimate the length of their program of study. We encourage any student wishing to transfer to complete the General Education Program and the Common Program Prerequisites before transferring within the Florida College System or State University System.
- Courses taken at Florida College System institutions may substitute for select upper division courses with permission of the department, although they will not count as upper division credits. University minimum upper division credit requirements must still be met.
- Transfer students will be required to meet the departmental theatre participation requirement through participation on UCF productions.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses

Acceptable substitutes for common program prerequisites if taken prior to transferring to UCF:

- THE 2305 - Script Analysis for Theatre **Credit Hours: 3** May use any introductory Theatre Play or Script Analysis class. Script Analysis for Film cannot substitute. Stage Management students are encouraged to take this course at UCF.
- TPA 2200 - Introduction to Technical Theatre **Credit Hours: 2** May be substituted with any introductory Stagecraft course. TPA 2200L will still need to be taken at UCF.
- TPP 3310C - Directing for Theatre I **Credit Hours: 3** May be substituted with TPP 2300 or any introductory Theatre Directing Course. Directing for Film cannot substitute.
- TPP 2110C - Acting I - Freeing the Actor **Credit Hours: 3** May be substituted with any introductory acting for theatre course.

Plan of Study

Freshman Year - Fall (16 Credit Hours)

- THE 2000 - Theatre Survey **Credit Hours: 3**
This course is only taught in Fall semesters for the BFA students
- TPA 2210 - Stagecraft I **Credit Hours: 3**
- TPA 2210L - Stagecraft I Lab **Credit Hours: 1**
- TPP 2110C - Acting I - Freeing the Actor **Credit Hours: 3**
- TPA 2220C - Stage Electronics **Credit Hours: 3**
- TPA 2600C - Stage Management: Introduction **Credit Hours: 3**
- TPA 1990 - BFA Review I **Credit Hours: 0**

Freshman Year - Spring (15 Credit Hours)

- TPA 4250C - CADD for Theatre **Credit Hours: 2**
- TPA 2211L - Stagecraft II Lab **Credit Hours: 1**
- THE 2305 - Script Analysis for Theatre **Credit Hours: 3**
- TPA 3601C - Stage Management: Techniques **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- TPA 2991 - BFA Review II **Credit Hours: 0**

Select One:

- TPA 2211 - Stagecraft II **Credit Hours: 3**
- TPA 2232C - Costume Construction **Credit Hours: 3**

Freshman Year - Summer (6 Credit Hours)

- TPA 3195L - Summer Theatre Studio/Tech/Design I **Credit Hours: 3**
- TPA 3197L - Summer Theatre Studio/Tech/Design II **Credit Hours: 3**

Sophomore Year - Fall (16 Credit Hours)

- TPA 2000C - Theatre Design Basics **Credit Hours: 3**
- THE 3311 - Theatre History and Dramatic Literature I **Credit Hours: 3**
- TPA 2290L - Theatre Participation-Production I **Credit Hours: Variable**
- TPP 3103 - Intermediate Acting **Credit Hours: 3**
- ENC 1101 - Composition I **Credit Hours: 3**
- GEP **Credit Hours: 3**

Sophomore Year - Spring (16 Credit Hours)

- THE 3312 - Theatre History and Dramatic Literature II **Credit Hours: 3**
- TPA 4602C - Stage Management: Applications **Credit Hours: 3**
- THE 2925L - Theatre Participation - Management I **Credit Hours: 1**
- ARH 2051 - History of Western Art II **Credit Hours: 3**
- MUT 1004 - Fundamentals of Music I **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**
- TPA 3992 - BFA Review III **Credit Hours: 0**

Junior Year - Fall (16 Credit Hours)

- THE 3313 - Theatre History and Dramatic Literature III **Credit Hours: 3**
- TPA 4298L - Theatre Participation-Production II **Credit Hours: Variable**
- TPA 4604C - Stage Management: Professional Practice **Credit Hours: 3**
- General Education **Credit Hours: 3**
- General Education **Credit Hours: 3**

Select One:

- TPA 3060C - Scenic Design for Theatre I **Credit Hours: 3**
- TPA 3045C - Costume Design for Theatre I **Credit Hours: 3**

Junior Year - Spring (12 Credit Hours)

- TPA 4401C - Theatre Careers in Production **Credit Hours: 3**
- Dance/Movement Course **Credit Hours: 2**

- General Education **Credit Hours: 3**
- TPA 4298L - Theatre Participation-Production II **Credit Hours: Variable**
- TPA 3995 - Preliminary Portfolio Review **Credit Hours: 0**

Select One:

- TPA 3223C - Lighting Design for Theatre I **Credit Hours: 3**
- TPA 3265C - Sound Design for Theatre I **Credit Hours: 3**

Junior Year - Summer (6 Credit Hours)

- TPP 4940L - Theatre Internship **Credit Hours: 6**

Senior Year - Fall (13 Credit Hours)

- TPA 4400 - Theatre Management **Credit Hours: 3**
- TPP 3310C - Directing for Theatre I **Credit Hours: 3**
- TPA 4298L - Theatre Participation-Production II **Credit Hours: Variable**
- Theatre Elective **Credit Hours: 3**
- THE 4954 - Theatre Exit Critique **Credit Hours: 0**
- Departmental Audit Check

Senior Year - Spring (13 Credit Hours)

- TPA 4900 - Capstone Portfolio Review **Credit Hours: 0**
- TPA 4298L - Theatre Participation-Production II **Credit Hours: Variable**
- Theatre Elective **Credit Hours: 3**
- Theatre Elective **Credit Hours: 3**
- General Education **Credit Hours: 3**
- General Education **Credit Hours: 3**

Theatre Studies (B.A.)

College

College of Arts and Humanities

Department

Department of Theatre

Program Type

Major

Program Contact Information

**College of Arts and Humanities
Department of Theatre
Performing Arts Center (PAC) T210A
407-823-2862
theatre@ucf.edu**

Undergraduate Studies Coordinator and Costume & Make-Up Design: Kristina Tollefson

Program Description

The Bachelor of Arts Degree is designed to offer a thorough foundation in theatre while providing flexibility and opportunity for interdisciplinary study with a required minor. The strength of this program is in the opportunity to combine theatre training with the secondary area of study to create career opportunities in theatre and the entertainment industry. Students find direct career paths and a boost in the job market through the combination of major and minor. Students are open to selecting any minor or second major offered within the University. Upon graduation, students choose to enter the job market or pursue advanced education with a skill set unique to their goals.

Admission Requirements

- The departmental faculty evaluates, via an interview, students who desire to become BA majors. For complete information visit <https://performingarts.cah.ucf.edu/study/#theatreundergrad>.
- All students must submit three letters of recommendation, a resume, and transcripts of previous college work at the time of interview.
- Departmental scholarship applications are due by April 15 for returning students and are available on our department website. Scholarship applications for incoming students are available on our department website and are due at your interview appointment. Scholarship decisions are typically finalized in August prior to the Fall semester. Applications remain active for one year.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students are required to complete a minor to graduate.
- Students who complete a double major fulfill the minor requirement automatically.
- Theatre grades of less than "C" (2.0) will not satisfy the major requirements or count towards total theatre credits.
- Students in this major must earn a "C" (2.0) or better or an "S" in each theatre course and maintain a 3.0 GPA for all courses required in the major and all courses taken in theatre; must not receive a negative evaluation in a regularly scheduled program review; and must not exhibit chronic unprofessional behavior. Failure to meet these standards will result in probation and/or dismissal from the program. Refer to the SPA Undergraduate Student Handbook - Theatre (<http://performingarts.cah.ucf.edu/academics/student-resources>) for details on program standards.
- Students must consult with a departmental advisor each semester before registering. Students who do not consult with their department advisor will be placed on departmental probation which causes him/her to be ineligible for casting or other production positions. Repeated failure to consult with a department advisor may lead to release from the program.
- Departmental Residency Requirement consists of at least 30 semester hours of courses taken from the UCF Theatre Department.
- All BA Theatre Studies students must register for three semesters of Theatre Participation in addition to the Technical Theatre Production Lab. One Participation credit must be as part of a run crew. One Participation credit must be as part of a Front of House crew. The third required Participation credit can be in either performance, shop assignments, run crews or Front of House.
- All Theatre majors who participate in production work must be registered for the appropriate Theatre Participation course in the term in which they are participating. Students need not take additional hours to satisfy practicum requirements. Once students have completed their production participation requirements, they may register for a "0" credit participation course to meet departmental registration requirements. Students may use additional participation credits as electives.
- Students must follow the most recent department and school student handbooks which are available on the department website at <http://performingarts.cah.ucf.edu/academics/student-resources>.
- The department will accept one credit of Theatre Participation coursework for students transferring into the program. Any additional transfer participation credits will count toward electives.
- Courses designated in General Education Program are usually completed in the first 90 hours.
- Courses designated in Common Program Prerequisites are usually completed in the first 60 hours.
- Co-op credit cannot be used in this major.

General Education (GEP)

Communication Foundations
9 Total Credits

- Earn at least 9 credits from the following course sets:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)

GEP 3- Communication Foundation

- COM1000 - Introduction to Communication (3)
- SPC1603C - Fundamentals of Technical Presentations (3)
- SPC1608 - Fundamentals of Oral Communication (3)

Cultural & Historical Foundations

9 Total Credits

- Complete all of the following
 - This course is only taught during the fall semesters for BA students. Required:
 - Complete the following:
 - THE2000 - Theatre Survey (3)
 - Earn at least 6 credits from the following course sets:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)

Mathematical Foundations

9 Total Credits

No Rules

Math

6 Total Credits

- Complete all of the following
 - Suggested:
 - Complete the following:
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - You may substitute a higher level math with appropriate scores on the Math Placement Test.

Statistics - Computers

3 Total Credits

- Complete all of the following
 - Select a course from Mathematical Foundation,
 - Complete at least 1 courses from the following:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)

- COP3502C - Computer Science I (3)
- COT3100C - Introduction to Discrete Structures (3)
- STA2014 - Principles of Statistics (3)
- STA2023 - Statistical Methods I (3)
- STA3032 - Probability and Statistics for Engineers (3)
- CGS1060C - Introduction to Computers (3)

Social Foundations

6 Total Credits

- Complete at least 2 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundations

6 - 8 Total Credits

- Complete at least 2 courses from the following:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **39 - 41**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - Earn at least 11 credits from the following:
 - THE2305 - Script Analysis for Theatre (3)
 - THE2925L - Theatre Participation - Management I (99)
 - TPA2200 - Introduction to Technical Theatre (2)
 - TPA2200L - Intro to Technical Theatre Lab (1)
 - TPA2290L - Theatre Participation-Production I (1 - 99)
 - TPP2110C - Acting I - Freeing the Actor (3)
 - See Transfer Notes for possible substitutes: THE 2305, TPA 2200, TPP 2110C
 - Earn at least 9 credits from the following types of courses:
Theatre Elective (THE, TPP, TPA Prefix)

Grand Total Credits: **20**

Degree Requirements

Core Requirements: Basic Level

0 Total Credits

- None

Core Requirements: Advanced Level

13 Total Credits

- Complete all of the following
 - Complete the following:
 - THE3311 - Theatre History and Dramatic Literature I (3)
 - THE3312 - Theatre History and Dramatic Literature II (3)
 - THE3313 - Theatre History and Dramatic Literature III (3)
 - TPP3310C - Directing for Theatre I (3)
 - See Transfer Notes for possible substitutes: TPP 3310C
 - Earn at least 0 credits from the following:
 - THE4954 - Theatre Exit Critique
 - Select One:
 - Complete 1 of the following
 - Earn at least 1 credits from the following:
 - TPA4298L - Theatre Participation-Production II (1 - 99)
 - Earn at least 1 credits from the following:
 - THE4093L - Theatre Participation-Management II (1)
 - Earn at least 1 credits from the following:
 - TPP4193L - Theatre Participation-Performance II (1 - 99)

Grand Total Credits: **13**

Program Details

Restricted Electives (13 Credit Hours)

-
- Any THE, TPA, TPP, DAA, or DAN course taught by the Theatre Department, except THE 3006, and not already applied toward a program requirement. Independent Study, Undergraduate Research and Honors in the Major courses taught by the Department of Theatre can also be used as electives. Exceptions must be approved in advance by the Theatre Department Undergraduate Coordinator. Courses with these prefixes not taught by the Department of Theatre cannot be used in this program.

Capstone Requirements

- None

Electives

- Select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the department.

Foreign Language Requirements

Admissions

- Met by graduation requirement

Graduation

- Proficiency equivalent to one year of college instruction in a foreign language taught by the Department of Modern Languages and Literatures or the History Department (Hebrew). Standardized examinations for foreign languages may be used to meet the requirement.

Additional Requirements

- The Theatre Department offers multiple opportunities to complete the signature experience requirement. Please consult the Undergraduate Advisor for a full listing.

Required Minors

- Theater Studies BA students must complete a minor of at least 18 hours. See selected discipline for Minor requirements, information, and changes. University upper division credit hour requirements must be met. Students are discouraged from taking excess hours and should consider total credit hours required when selecting a minor. When no official minor is offered, students may complete an 18-credit-hour area of concentration when pre-approved by the Undergraduate Coordinator.

Departmental Exit Requirements

- Earn a grade of "C" (2.0) or better in each Theatre course.
- Maintain a "B" (3.0) Theatre GPA or better.
- Write an Exit Critique of a UCF-affiliated production and pass each section evaluated the semester prior to final semester of theatre classes.
- Complete an Exit Survey and Exit Interview/Audit Check the semester prior to final semester of theatre classes.
- Minimum of 30 theatre credits must be completed in residency at UCF.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- Students interested in completing Honors in the Major should contact their program advisor. More information about Honors in the Major can be found at <http://research.honors.ucf.edu/honors-in-the-Major>.

Related Programs

- Art, Studio Track (B.A.)
- Film (B.F.A.)
- Music (B.A.)

Certificates

- None

Related Minors

- Art - Studio Minor
- Music Minor
- Film, Cinema Studies Minor
- Theatre Minor
- Dance Minor
- Event Management Minor

Advising Notes

- None

Program Academic Learning Compacts

Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$45 per term
- Full-Time Student: \$90 per term

Transfer Notes

- Lower level courses taken at Florida College System institutions may substitute for select upper division

courses with permission of the department, although they will not count as upper division credits. University minimum upper division credit requirement must still be met.

- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses

- THE 2305 - Script Analysis for Theatre **Credit Hours: 3** May use any introductory Theatre Play or Script Analysis class. Script Analysis for Film cannot substitute.
- TPA 2200 - Introduction to Technical Theatre **Credit Hours: 2** May be substituted with any introductory Stagecraft course.
- TPP 3310C - Directing for Theatre I **Credit Hours: 3** May be substituted with TPP 2300 or any introductory Theatre Directing course. Directing for Film cannot substitute.
- TPP 2110C - Acting I - Freeing the Actor **Credit Hours: 3** May be substituted with any introductory acting for theatre course.

Plan of Study

Freshman Year - Fall (15 Credit Hours)

- THE 2000 - Theatre Survey **Credit Hours: 3**
- TPP 2110C - Acting I - Freeing the Actor **Credit Hours: 3**
- General Education **Credit Hours: 3**
- ENC 1101 - Composition I **Credit Hours: 3**
- General Education **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

- THE 2305 - Script Analysis for Theatre **Credit Hours: 3**
- TPA 2200 - Introduction to Technical Theatre **Credit Hours: 2**
- TPA 2200L - Intro to Technical Theatre Lab **Credit Hours: 1**
- CPP Theatre Elective **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**

Sophomore Year - Fall (13 Credit Hours)

- General Education **Credit Hours: 3**
- CPP Theatre Elective **Credit Hours: 3**
- THE 2925L - Theatre Participation - Management I **Credit Hours: 1**
- General Education **Credit Hours: 3**
- General Education **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- THE 3311 - Theatre History and Dramatic Literature I **Credit Hours: 3**
- CPP Theatre Elective **Credit Hours: 3**
- General Education **Credit Hours: 3**
- General Elective **Credit Hours: 3**
- Required Minor Course **Credit Hours: 3**

Junior Year - Fall (16 Credit Hours)

- TPA 2290L - Theatre Participation-Production I **Credit Hours: Variable**
- THE 3312 - Theatre History and Dramatic Literature II **Credit Hours: 3**
- General Education **Credit Hours: 3**
- General Education **Credit Hours: 3**
- Foreign Language Elementary Level I **Credit Hours: 4**
- Upper Level Elective **Credit Hours: 2**

Junior Year - Spring (16 Credit Hours)

- Foreign Language Elementary Level II **Credit Hours: 4**
- THE 3313 - Theatre History and Dramatic Literature III **Credit Hours: 3**
- TPP 3310C - Directing for Theatre I **Credit Hours: 3**
- Theatre Elective **Credit Hours: 2**
- Required Minor Course **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 1**

Senior Year - Fall (15 Credit Hours)

- THE 4954 - Theatre Exit Critique **Credit Hours: 0**
- Theatre Participation **Credit Hours: 1**
- Upper Level Theatre Elective **Credit Hours: 2**
- Upper Level Theatre Elective **Credit Hours: 3**
- Required Minor Course **Credit Hours: 3**
- Required Minor Course **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**

Senior Year - Spring (15 Credit Hours)

- Upper Level Theatre Elective **Credit Hours: 3**
- Upper Level Theatre Elective **Credit Hours: 3**
- Required Minor Course **Credit Hours: 3**
- Required Minor Course **Credit Hours: 3**
- Upper Level Elective **Credit Hours: 3**

Women's and Gender Studies Minor

College

College of Arts and Humanities

Department

Program in Women's and Gender Studies

Program Type

Minor

Program Contact Information

**College of Arts and Humanities
Women's and Gender Studies Program
Trevor Colbourn Hall (TCH) 348A
407-823-6502
wgst@ucf.edu**

Program Director & Associate Professor: Dr. M.C. Santana
407-823-6502

Program Description

The Women's and Gender Studies minor emphasizes intersectional approaches to the study of gender, race, class, ethnicity, and sexuality in national and transnational contexts. Course offerings examine social constructions of sex and gender and provide students with an opportunity to learn about women's historical and contemporary roles, gain a working knowledge of interdisciplinary feminist scholarship, and reflect critically on their life experiences as shaped by gender and other forms of diversity. Courses are drawn from various departments and schools, including Anthropology, Art, Communication and Media, Criminal Justice, Film, English, History, Philosophy, Political Science, Psychology, Nursing, Social Work, Sociology, Theater, and the Women's and Gender Studies Program. Subcategories of focus include feminist theories, girl studies, queer studies, and global and transnational issues.

Minor Admission Requirements

- None

Minor Requirements

- Students cannot earn both the minor in Women's and Gender Studies and the Certificate on Gender Studies.

Prerequisite Courses

- None

Degree Requirements

Required Courses

12 Total Credits

- Complete all of the following
 - Complete the following:
 - WST3015 - Introduction to Women's Studies (3)
 - WST3603 - Introduction to Gender Studies (3)
 - Complete at least 2 of the following:
 - WST3522 - First and Second Wave Feminisms (3)
 - WST3561 - Third Wave Feminisms (3)
 - WST3621 - Theories of Masculinity (3)
 - WST4415 - Global and Transnational Feminism (3)
 - LIT4554 - Advanced Feminist Theories (3)
 - PHM3123 - Feminist Theories (3)
 - WST3020 - Girls' Studies (3)
 - WST3460 - Women, Race and Struggle (3)
 - HUM4823 - Queer Theory in the Humanities (3)
 - HUM3326 - Theories of Sex and Gender in Humanities (3)
 - * From the second list, one course must be a WST prefixed course.

Grand Total Credits: **12**

Program Details

Restricted Electives (6 Credit Hours)

- Students should complete at least one of their two Elective courses from outside their major. Students may count additional courses from the Theories Group above as electives toward the minor. Course substitutions, internship, independent study, or Special Topics credit may be applied to the minor only with the approval of the program director. No more than one 2000-level course will count toward the minor.
- A list of approved restricted elective courses is found in the myKnight audit.

Women's Studies Disciplinary Approaches

- WST 3371 - Women and Leadership **Credit Hours: 3**
- WST 3500 - Gender Issues and Community Activism **Credit Hours: 3**
- WST 4002 - Research in Women and Gender Studies **Credit Hours: 3**
- WST 4021 - Girls and Leadership **Credit Hours: 3**
- WST 4349 - Ecofeminism **Credit Hours: 3**
- WST 4023 - Virtual Girls **Credit Hours: 3**
- WST 4022 - Girls and the Body **Credit Hours: 3**

Women's History

- AMH 3561 - Women in American History I **Credit Hours: 3**
- AMH 3562 - Women in American History II **Credit Hours: 3**
- ASH 4304 - Women in China **Credit Hours: 3**
- EUH 4610 - Women in European Society: From Medieval to Modern **Credit Hours: 3**
- AMH 4680 - Women in American Science **Credit Hours: 3**
- JST 3510 - Notable Women in Jewish History **Credit Hours: 3**

Representations of Women

- AML 3283 - Contemporary American Women's Fiction **Credit Hours: 3**
- ARH 4871 - Women in Art **Credit Hours: 3**
- COM 4014 - Gender Issues in Communication **Credit Hours: 3**
- COM 4461 - Intercultural Communication **Credit Hours: 3**
- FIL 3880C - Images of Women in Film **Credit Hours: 3**
- FRW 4380 - Happily Ever After: Fairy Tales to Ex-Machina **Credit Hours: 3**
- LIT 3383 - Women in Literature **Credit Hours: 3**
- LIT 3823 - Hispanic Women Writers **Credit Hours: 3**
- LIT 3381 - Women Writers of Color **Credit Hours: 3**
- AML 3286 - Early American Women's Words **Credit Hours: 3**
- ENC 4374 - Gendered Rhetorics **Credit Hours: 3**
- THE 3272 - Shakespeare to RuPaul: Drag in Entertainment **Credit Hours: 3**

Women's Wellness

- CLP 3184 - Women's Mental Health **Credit Hours: 3**
- NSP 4425 - Women's Health Issues **Credit Hours: 3**
- SOP 3742 - Psychology of Women **Credit Hours: 3**

Gender and Social Policy

- ANT 3302 - Sex, Gender and Culture **Credit Hours: 3**
- CCJ 4670 - Women and Crime **Credit Hours: 3**
- CCJ 4681 - Domestic Violence and the Justice System **Credit Hours: 3**
- CPO 4710 - Women in Comparative Politics **Credit Hours: 3**
- INR 4085 - Women, Gender, and Globalization **Credit Hours: 3**
- PUP 4323 - Women and Public Policy **Credit Hours: 3**
- SYD 4810 - Women in Contemporary Society **Credit Hours: 3**
- SYD 4813 - Women, Law and Social Change **Credit Hours: 3**
- SYO 4100 - Family Trends **Credit Hours: 3**
- SYD 3800 - Sex and Gender in Society **Credit Hours: 3**
- SYP 3060 - Sociology of Sex and Reproduction **Credit Hours: 3**
- PHI 3629 - Family Values **Credit Hours: 3**
- PHM 3020 - Philosophy of Love **Credit Hours: 3**

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

Other Requirements

- Minimum grade of "C" (2.0) is required in each course used to satisfy the minor.
- At least 12 hours used in the minor must be earned at UCF.
- No credit by exam (TSD, military credit) may be used.

Writing and Rhetoric (B.A.)

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

Program Type

Major

Program Website

College of Arts and Humanities
Writing and Rhetoric Department
Trevor Colbourn Hall (TCH) 165A
407-823-2295
writingandrhetoric@ucf.edu

Program Director: Dr. Stephanie K. Wheeler
407-823-0745
stephanie.wheeler@ucf.edu

Program Advisor: Adele Richardson
407-823-0349
adele@ucf.edu

Program Description

The Bachelor of Arts degree in Writing and Rhetoric provides students with in-depth training in the interrelated fields of writing, rhetoric, and literacy studies, preparing them for a range of writing-focused jobs that involve the analysis, creation, editing, adaptation, and/or coordination of written, digital, and multimedia texts.

Admission Requirements

- Students transferring with an AA or AS degree or who have completed their general education courses in composition elsewhere are strongly recommended to enroll in ENC 3314 - Writing and Rhetoric Foundations in their first semester at UCF.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students must earn at least a "C" (2.0) in each required course.
- Students must earn a minimum 2.5 GPA in coursework used to satisfy the major.
- Students should consult with a departmental advisor each semester.
- Departmental Residency Requirement consists of at least 18 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF Writing and Rhetoric Department.
- Courses designated in General Education Program and Common Program Prerequisites are usually completed in the first 60 hours.

General Education (GEP)

Communication Foundations **9 Total Credits**

- Complete all of the following
 - Required:
 - Complete the following:
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Preferred:
 - Complete the following:
 - SPC1608 - Fundamentals of Oral Communication (3)

Cultural and Historical Foundations **9 Total Credits**

- Complete all of the following
 - Preferred:
 - Complete the following:
 - PHI2010 - Introduction to Philosophy (3)
- Select one course from GEP 4
- Earn at least 3 credits from the following course sets:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)

- EUH2001 - Western Civilization II (3)
- HUM2020 - Encountering the Humanities (3)
- HUM2210 - Studies in Culture: Ancient to 17th Century (3)
- HUM2230 - Studies in Culture: 17th Century to Present (3)
- WOH2012 - World Civilization I (3)
- WOH2022 - World Civilization II (3)

Select one course from GEP 4 or GEP 5

- Earn at least 3 credits from the following course sets:

GEP 4- Historical & Cultural Foundation

- AMH2010 - U.S. History: 1492-1877 (3)
- EUH2000 - Western Civilization I (3)
- EUH2001 - Western Civilization II (3)
- HUM2020 - Encountering the Humanities (3)
- HUM2210 - Studies in Culture: Ancient to 17th Century (3)
- HUM2230 - Studies in Culture: 17th Century to Present (3)
- WOH2012 - World Civilization I (3)
- WOH2022 - World Civilization II (3)

GEP 5- Historical & Cultural Foundation

- ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
- ARH2050 - History of Western Art I (3)
- ARH2051 - History of Western Art II (3)
- FIL1000 - Cinema Survey (3)
- FIL2030 - History of Motion Pictures (3)
- FIL3036 - Film History I (3)
- FIL3037 - Film History II (3)
- LIT2110 - World Literature I (3)
- LIT2120 - World Literature II (3)
- MUH2017 - Survey of Rock Music (3)
- MUH2019 - American Popular Music, 1840s-present (3)
- MUL2016 - Evolution of Jazz (3)
- MUL2720 - Music of the World (3)
- PHI2010 - Introduction to Philosophy (3)
- REL2300 - World Religions (3)
- THE2000 - Theatre Survey (3)
- MUL2010 - Enjoyment of Music (3)

Mathematical Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:

GEP 7- Mathematical Foundation

- MAC1105C - College Algebra (3)
- MAC2311C - Calculus with Analytic Geometry I (4)
- MGF1106 - Finite Mathematics (3)
- MGF1107 - Explorations in Mathematics (3)

GEP 8- Mathematical Foundations

- CGS2100C - Computer Fundamentals for Business (3)
- COP2500C - Concepts in Computer Science (3)
- COP3502C - Computer Science I (3)
- COT3100C - Introduction to Discrete Structures (3)
- STA2014 - Principles of Statistics (3)
- STA2023 - Statistical Methods I (3)
- STA3032 - Probability and Statistics for Engineers (3)
- CGS1060C - Introduction to Computers (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Preferred:
 - Complete the following:
 - AMH2020 - U.S. History: 1877-Present (3)
 - Earn at least 3 credits from the following course sets:

GEP 9- Social Foundation

- ANT2000 - General Anthropology (3)
- HSA2117 - Civic Engagement in the US Healthcare System (3)
- PSY2012 - General Psychology (3)
- SYG2000 - Introduction to Sociology (3)

Science Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:

GEP 11- Science Foundation

- AST2002 - Astronomy (3)
- CHM1020 - Concepts in Chemistry (3)
- CHM1032 - General Chemistry (3)
- CHM2045C - Chemistry Fundamentals I (4)
- CHS1440 - Principles of Chemistry (4)
- PHY1038 - Physics of Energy, Climate Change and Environment (3)
- PHY2020 - Concepts of Physics (3)
- PHY2048 - General Physics Using Calculus I (3)
- PHY2053 - College Physics I (3)
- PSC1121 - Physical Science (3)

GEP 12- Science Foundation

- ANT2511 - The Human Species (3)
- BSC1005 - Biological Principles (3)
- BSC2010C - Biology I (4)
- EVR1001 - Introduction to Environmental Science (3)
- GEO1200 - Physical Geography (3)
- GEO2370 - Resources Geography (3)
- GLY1030 - Geology and its Applications (3)
- GLY2038 - Environmental Geoscience (3)
- MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
- MET2104 - The Earth's Climate (3)

Grand Total Credits: **36**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information. Courses satisfied in General Education (GEP).
 - ENC 1101 - Composition I Credit Hours: 3 (GEP)
 - ENC 1102 - Composition II Credit Hours: 3 (GEP)

Grand Total Credits: **0**

Degree Requirements

Required Courses

18 Total Credits

- Complete all of the following
 - Basic Core
 - Complete all of the following
 - Basic core courses should be taken as early as possible in the program of study. ENG 3836 is a pre-requisite for some practicum courses.
 - Complete the following:
 - ENC3314 - Writing and Rhetoric Foundations (3)
 - ENC3502 - Research Methods in Writing and Literacy Studies (3)
 - ENG3836 - Professional Lives and Literacy Practices (3)
 - Advanced Core
 - Complete all of the following
 - Advanced core classes should be selected in alignment with intended specialization.
 - Complete at least 1 of the following:
 - ENC3250 - Professional Writing (3)
 - ENC3331 - Rhetoric and Civic Engagement (3)
 - ENC3373 - Cultural Rhetorics (3)

- ENC3417 - Literacy and Technology (3)

Practicum

- Complete all of the following
 - Practicum course should be selected in consultation with a program advisor.
 - Complete at least 1 of the following:
 - ENC3473 - Writing in Disciplinary Cultures (99)
 - ENC4275 - Theory and Practice of Tutoring Writing (3)
 - ENC4943 - Practicum in Editing & Publishing (3)
 - ENC4944 - Writing Internship (3)
- Capstone
- Complete all of the following
 - Capstone and ePortfolio courses should be taken concurrently in the final Fall or Spring of the program of study. Students are required to complete both courses.
 - Complete the following:
 - ENC4379 - Writing and Rhetoric Capstone (3)
 - ENC4950 - Writing ePortfolio

Elective Courses

18 Total Credits

- Earn at least 6 credits from the following types of courses:
Elective Courses

Area of Specialization

12 Total Credits

- Complete 1 of the following
 - Select 12 credit hours from one of the specializations below or create a custom specialization from courses across the areas of specialization
Writing, Rhetoric, and Advocacy
 - Complete all of the following
 - Required advanced core course for this specialization:
 - Complete the following:
 - ENC3331 - Rhetoric and Civic Engagement (3)
 - Complete at least 3 of the following:
 - ENC3311 - Essay as Cultural Commentary (3)
 - ENC3315 - Argumentative Writing (3)
 - ENC3351 - Writing for Publication (3)
 - ENC4353 - Writing for Social Change (3)
 - ENC4354 - Writing with Communities and Nonprofits (3)
 - ENC4378 - Writing in Global and Transnational Contexts (3)

Cultural Rhetorics and Writing Traditions

- Complete all of the following
 - Required advanced core course for this specialization:
 - Complete the following:
 - ENC3373 - Cultural Rhetorics (3)
 - Complete at least 3 of the following:
 - ENC3330 - Rhetorical Traditions (3)
 - ENC3521 - Writing Across Difference (3)
 - ENC3375 - Rhetoric in Popular Culture (3)
 - ENC4374 - Gendered Rhetorics (3)
 - ENC4378 - Writing in Global and Transnational Contexts (3)
 - ENC4434 - Visual and Material Rhetorics (3)

Professional Writing and Rhetoric

- Complete all of the following
 - Required advanced core course for this specialization:
 - Complete the following:
 - ENC3250 - Professional Writing (3)
 - Complete at least 3 of the following:

- ENC3351 - Writing for Publication (3)
- ENC3453 - Writing About Health and Medicine (3)
- ENG3833 - Marketing Your Writing (3)
- ENC4212 - Professional Editing (3)
- ENC4416 - Writing in Digital Environments (3)
- LIN3673 - Rhetorical Grammar (3)

Technologies in Writing and Rhetoric

- Complete all of the following
 - Required advanced core course for this specialization
 - Complete the following:
 - ENC3417 - Literacy and Technology (3)
 - Complete at least 3 of the following:
 - ENC3433 - Multimedia Writing and Composition (3)
 - ENC3455 - Writing about Science and Technology (3)
 - ENC4378 - Writing in Global and Transnational Contexts (3)
 - ENC4416 - Writing in Digital Environments (3)
 - ENC4434 - Visual and Material Rhetorics (3)

Advised Electives

6 Total Credits

- Earn at least 6 credits from the following types of courses:
any 3000 or 4000 level courses offered by the Department of Writing and Rhetoric not otherwise used to satisfy major requirements

Grand Total Credits: **42**

Program Details

Electives

Select primarily from upper-level Writing and Rhetoric courses after meeting with a departmental advisor. Courses may be outside of the department.

Foreign Language Requirements

Admissions

- Met by graduation requirement.

Graduation

- Proficiency equivalent to one year of college instruction in a foreign language taught by the Department of Modern Languages and Literatures or the Department of History (Hebrew). Standardized examinations for foreign languages may be used to meet the requirement. Majors who are contemplating graduate school should complete two years of a foreign language.

Additional Requirements

- Signature Experience requirement is met by successful completion of the following course(s):
- ENC 4379 - Writing and Rhetoric Capstone **Credit Hours: 3**

Required Minor

- Students must complete a minor, certificate, or approved program of study (at least 18 hours minimum).
- A second specialization within the Department of Writing and Rhetoric can be used to satisfy this requirement.
- An interdisciplinary set of courses tailored to the student's professional goals can be approved by a program director or advisor.
- No more than 6 hours can overlap with courses used to satisfy the major.

Departmental Exit Requirements

- Students must complete an electronic writing portfolio (e-portfolio) that meets program requirements. This e-portfolio will be developed throughout the course of the students' work in the major. Students must also enroll in ENC 4950 - Writing ePortfolio during their final semester; their e-portfolio will be approved in this course for program-level graduation requirements.
- Maintain and achieve a minimum overall GPA of 2.5 in coursework used towards the major.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- Application and admission through the Writing and Rhetoric Degree Programs Office and the Burnett Honors College.
- Fulfill University requirements for Honors in the Major.
- Successful completion and oral defense of Honors thesis.

Related Programs

- None

Certificates

- None

Related Minors

- Digital Media Minor
- English, Creative Writing Minor

- English, Linguistics Minor
- English, Technical Communication Minor
- Entrepreneurship Minor
- History Minor
- Humanities and Cultural Studies Minor
- Information Technology Minor
- International and Global Studies Minor
- Journalism Studies Minor
- Leadership Studies Minor
- Legal Studies Minor
- Magazine Journalism Minor
- Marketing Minor
- Mass Media Minor
- Nonprofit Management Minor
- Political Science Minor
- Pre-Law in the Humanities Minor
- Public Administration Minor

Advising Notes

- None

Transfer Notes

- Transfer courses in which students earned lower than a "C" (2.0) will not be accepted.
- Lower-level courses taken at community or state colleges do not substitute for upper-level courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. Student must provide all supporting information.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oemas.ucf.edu/alc/academic_learning_compacts.htm

Plan of Study

Freshman Year - Fall (15 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- ENC 3314 - Writing and Rhetoric Foundations **Credit Hours: 3**
- Course in Area of Specialization **Credit Hours: 3**
- Course in Minor/Certificate/Program of Study **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- ENC 3502 - Research Methods in Writing and Literacy Studies **Credit Hours: 3**
- Advanced Core Course **Credit Hours: 3**
- Course Minor/Certificate/Program of Study **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Junior Year - Fall (16 Credit Hours)

- ENG 3836 - Professional Lives and Literacy Practices **Credit Hours: 3**
- Course in Area of Specialization **Credit Hours: 3**
- Course in Minor/Certificate/Program of Study **Credit Hours: 3**
- Elementary Foreign Language I or Elective **Credit Hours: 4**
- Elective **Credit Hours: 3**

Junior Year - Spring (16 Credit Hours)

- Practicum **Credit Hours 3**
- Course in Area of Specialization **Credit Hours: 3**
- Course in Minor/Certificate/Program of Study **Credit Hours: 3**
- Elementary Language II or Elective **Credit Hours: 4**
- Elective **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- Course in Area of Specialization **Credit Hours: 3**
- Advised Elective **Credit Hours 3**
- Course in Minor/Certificate/Program of Study **Credit Hours: 3**
- Elective **Credit Hours: 3**
- Elective **Credit Hours 3**

Senior Year - Spring (13 Credit Hours)

- ENC 4379 - Writing and Rhetoric Capstone **Credit Hours: 3**
- ENC 4950 - Writing ePortfolio **Credit Hours: 0**

- Advised Elective **Credit Hours: 3**
- Course in Minor/Certificate/Program of Study **Credit Hours: 3**
- Elective **Credit Hours: 4**

Writing and Rhetoric Minor

College

College of Arts and Humanities

Department

Department of Writing and Rhetoric

Program Type

Minor

Program Contact Information

**College of Arts and Humanities
Writing and Rhetoric Department
Trevor Colbourn Hall (TCH) 165A
407-823-2295
writingandrhetoric@ucf.edu**

Program Director: Dr. Stephanie K. Wheeler
407-823-0349
stephanie.wheeler@ucf.edu

Program Advisor: Adele Richardson
407-823-0349
adele@ucf.edu

Program Description

The Minor in Writing and Rhetoric will provide students with the in-depth study and practice of writing and rhetoric. The curriculum emphasizes civic, professional, and digital writing.

Minor Admission Requirements Transfer Notes

- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. Students must provide all supporting information.

Minor Requirements

- Students should work with a department academic advisor to select courses that support the students' intended career or post-graduation path.
- Students cannot earn both the Minor in Writing and Rhetoric and the Certificate in Public and Professional Writing.

Prerequisite Courses

- None

Degree Requirements

Required Courses
3 Total Credits

- Complete all of the following
 - Students should take this core course as early in the program as possible.
 - Complete the following:
 - ENC3314 - Writing and Rhetoric Foundations (3)

Grand Total Credits: **3**

Program Details

Restricted Electives (15 Credit Hours)

Theories and Histories of Writing, Rhetoric, and Literacy (3 Credit Hours)

Students must take at least one course from the following:

- ENC 3330 - Rhetorical Traditions Credit Hours: 3
- ENC 3373 - Cultural Rhetorics Credit Hours: 3
- ENC 3417 - Literacy and Technology Credit Hours: 3
- ENC 3503 - Topics in Writing & Literacy Studies Credit Hours: 3
- ENC 3521 - Writing Across Difference Credit Hours: 3
- ENC 4374 - Gendered Rhetorics Credit Hours: 3
- ENC 4434 - Visual and Material Rhetorics Credit Hours: 3
- ENC 4504 - Contemporary Composition Theory Credit Hours: 3

Applications of Writing and Rhetoric (6 Credit Hours)

- Students must take at least two courses from the following two groups. Students can take one course from each group or two courses from one of the groups.

Civic and Cultural Rhetoric and Writing

- ENC 3311 - Essay as Cultural Commentary Credit Hours: 3
- ENC 3315 - Argumentative Writing Credit Hours: 3
- ENC 3372 - Topics in Civic Rhetoric and Writing Credit Hours: 3
- ENC 3375 - Rhetoric in Popular Culture Credit Hours: 3
- ENC 4353 - Writing for Social Change Credit Hours: 3
- ENC 4354 - Writing with Communities and Nonprofits Credit Hours: 3
- ENC 4378 - Writing in Global and Transnational Contexts Credit Hours: 3

Professional and Digital Writing

- ENC 3250 - Professional Writing Credit Hours: 3
- ENC 3351 - Writing for Publication Credit Hours: 3
- ENC 3417 - Literacy and Technology Credit Hours: 3
- ENC 3433 - Multimedia Writing and Composition Credit Hours: 3
- ENC 3453 - Writing About Health and Medicine Credit Hours: 3
- ENC 3454 - Topics in Professional and Digital Writing Credit Hours: 3
- ENC 3455 - Writing about Science and Technology Credit Hours: 3
- ENC 3473 - Writing in Disciplinary Cultures Credit Hours: VAR
- ENC 4212 - Professional Editing Credit Hours: 3
- ENC 4416 - Writing in Digital Environments Credit Hours: 3
- ENC 4275 - Theory and Practice of Tutoring Writing Credit Hours: 3
- ENG 3833 - Marketing Your Writing Credit Hours: 3
- LIN 3673 - Rhetorical Grammar Credit Hours: 3

Additional Restricted Electives (6 Credit Hours)

- Students must take at least 6 hours from the following:
- Any DWR 3000 or 4000 level courses not otherwise used to satisfy minor requirement.
- Approved 3000 or 4000 level writing-intensive courses. See program director or advisor for list of approved courses.
- A list of approved restricted elective courses is found in the myKnight audit.

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

Other Requirements:

- Students must earn a minimum 2.5 GPA in coursework used to satisfy the minor.
- A grade of "C+" (2.25) or better is required in each course used to satisfy the minor.
- At least 12 hours used to satisfy the minor must be taken from the Department of Writing and Rhetoric at UCF.

College of Business Administration

Accounting (B.S.B.A.)

College

College of Business Administration

Department

Kenneth G Dixon School of Accounting

Program Type

Major

Program Contact Information

College of Business Administration
Dixon School of Accounting
Business Administration I (BA1)
407-823-2871

Program Description

The purpose of the Accounting B.S.B.A. degree is to prepare students to successfully gain admittance to our Accounting M.S.A. graduate degree program and become Certified Public Accountants (CPAs). Not eligible for a double degree with another College of Business Administration major.

Admission Requirements

- Completion of the UCF General Education program and Gordon Rule, or an AA degree from a Florida College System or State University System institution, and completion of each Common Program Prerequisite course with a "C" or better.
- Completion of the following courses at UCF or at an AACSB accredited institution: QMB 3200, MAR 3023, FIN 3403, MAN 3025, and ACG 3131, with a GPA of at least 3.0, a grade of at least "B" in ACG 3131, and no grade below a "C". One course may be repeated one time in the next term of enrollment to meet these requirements.
- Completion of GEB 3006
- Completion of Common Program Prerequisites.
- A student's academic catalog year guarantees their graduation requirements, but not their admission requirements. All pre-majors are held to the current admission standards. This applies to both native and transfer students.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students wanting to major in Accounting must meet admission requirements for the major.
- Any student receiving a business degree must complete a minimum of 30 of the 60 upper level business credit hours for their degree program in the UCF College of Business Administration. Additionally, 12 of the 30 credit hours completed at UCF must be from the department or school in which the student majors.
- For students seeking a double major within the College of Business, a maximum of 6 hours of Required Courses for the Major or Restricted Electives may count towards another business major.
- A maximum of 6 hours of Core Requirements or Restricted Electives may count towards another degree program or minor.
- Students in the Accounting major must maintain a 2.75 or higher cumulative Grade Point Average in all 3000 level or higher Accounting or Tax courses and a 2.0 or higher cumulative GPA in all College of Business courses taken at UCF. Failure to maintain the required GPAs will result in the student being placed on Lack of Progress in the major and/ or College. If a student on Lack of Progress fails to achieve the minimum required GPA in the subsequent term of enrollment, the student will be dismissed as an Accounting major and/or College of Business student. A student who is dismissed may seek consideration for re-admittance into the College or major by submitting a letter indicating the reasons for academic difficulties and positive plans for achieving the required GPA. Readmission is not automatic or guaranteed and as an exception to College policy is rarely granted.
- Students must earn a "B" or higher in ACG 3131. In addition, only grades of "C" or higher transfer into the program and students must earn a minimum of "C" or higher in all business courses. This includes all courses under requirements Common Program Prerequisites (CPP), Core Requirements: Advanced Level (Primary Core, Secondary Core and Required Courses for Major), Restricted Electives and Capstone Requirements below.

General Education (GEP)

Communications Foundation

6 Total Credits

- Earn at least 6 credits from the following course sets:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

Cultural and Historical Foundations

9 Total Credits

- Complete all of the following

- Earn at least 6 credits from the following course sets:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Earn at least 3 credits from the following types of courses:
 - GEP 6- Choose a course from GEP 4 or GEP 5

Mathematical Foundations

6 Total Credits

- Complete all of the following
 - Preferred- GEP 7:
 - Complete the following:
 - MAC1105C - College Algebra (3)
 - Required- GEP 8:
 - Complete the following:
 - CGS2100C - Computer Fundamentals for Business (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Suggested- GEP 9:
 - Complete at least 1 of the following:
 - ANT2000 - General Anthropology (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - Required- GEP 10:
 - Complete at least 1 of the following:
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)

Science Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)

- CHM1032 - General Chemistry (3)
- CHM2045C - Chemistry Fundamentals I (4)
- CHS1440 - Principles of Chemistry (4)
- PHY1038 - Physics of Energy, Climate Change and Environment (3)
- PHY2020 - Concepts of Physics (3)
- PHY2048 - General Physics Using Calculus I (3)
- PHY2053 - College Physics I (3)
- PSC1121 - Physical Science (3)

GEP 12- Science Foundation

- ANT2511 - The Human Species (3)
- BSC1005 - Biological Principles (3)
- BSC2010C - Biology I (4)
- EVR1001 - Introduction to Environmental Science (3)
- GEO1200 - Physical Geography (3)
- GEO2370 - Resources Geography (3)
- GLY1030 - Geology and its Applications (3)
- GLY2038 - Environmental Geoscience (3)
- MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
- MET2104 - The Earth's Climate (3)

Grand Total Credits: **33**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - Must be completed with a "C" or better
 - Complete the following:
 - ACG2021 - Principles of Financial Accounting (3)
 - ACG2071 - Principles of Managerial Accounting (3)
 - CGS2100C - Computer Fundamentals for Business (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - Course also satisfies GEP: CGS 2100C, ECO 2013, ECO 2023
Select one of the following sequences of courses:
 - Complete 1 of the following
 - Students who have not completed MAC 2233 and STA 2023, MAC 2311 and STA 2023, or MAC 2311 and MAC 2312 with a "C" or better must take QMB 3003.
 - Complete the following:
 - QMB3003 - Quantitative Business Tools I (3)
 - Or
 - Complete the following:
 - MAC2233 - Concepts of Calculus (3)
 - STA2023 - Statistical Methods I (3)
 - Or
 - Complete the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MAC2312 - Calculus with Analytic Geometry II (4)

Grand Total Credits: **15 - 20**

Degree Requirements

Core Requirements: Advanced Level

51 Total Credits

No Rules

Primary Core

15 Total Credits

- Complete the following:
 - ACG3131 - Intermediate Financial Accounting I (3)
 - FIN3403 - Business Finance (3)
 - MAN3025 - Management of Organizations (3)
 - MAR3023 - Marketing (3)
 - QMB3200 - Quantitative Business Tools II (3)

Secondary Core

15 Total Credits

- Complete the following:
 - GEB3006 - Introduction to Career Development and Financial Plannings (3)
 - GEB3005 - Career Search Strategy (1)
 - BUL3130 - Legal and Ethical Environment of Business (3)
 - MAR3203 - Supply Chain and Operations Management (3)
 - GEB4223 - Business Interviewing Techniques (1)
 - GEB4004 - Executing Your Career Plan (1)
 - QMB3602 - Business Research for Decision Making (3)

Required courses for major

21 Total Credits

- Complete the following:
 - ACG3141 - Intermediate Financial Accounting II (3)
 - ACG3361 - Cost Accounting I (3)
 - ACG4401C - Accounting Information Systems (3)
 - ACG4651 - Auditing (3)
 - ACG4803 - Advanced Issues in Financial Accounting (3)
 - TAX4001 - Taxation of Business Entities and Transactions (3)
 - ACG4840 - Accounting Analytics (3)

Restricted Electives

6 Total Credits

Business Electives

- Earn at least 6 credits from the following types of courses:
Choose any two upper level business courses

Capstone Requirements

3 Total Credits

- Complete all of the following
 - Admitted to a Business major, senior standing, and completion of MAN 3025, MAR 3023, FIN 3403, QMB 3200, and ACG 3173 or ACG 3131 are required to register for MAN 4720.
 - Complete the following:
 - MAN4720 - Strategic Management (3)

Grand Total Credits: **60**

Program Details

Core Requirements: Basic Level

- None

Electives

-
- Variable

Foreign Language Requirements

Admissions

- Admission: Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- A minimum major GPA of 2.75 and a minimum College of Business GPA of 2.0.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Honors In Major

- Eligibility: Requirements for admission to the Honors in the Major program are: completion of at least 60 credit hours, completion of at least 12 upper division hours, at least a 3.5 GPA in the major, at least a 3.2 upper-division GPA, and at least two semesters remaining prior to graduation.
- Admission: Application for admission to the Honors in the Major program must be approved by both the Honors in the Major Coordinator for the School of Accounting and Associate Dean of the Honors College plus the payment of \$25.00 one-time membership dues.

Requirements:

- Students accepted into the Honors in the Major program must complete two honors courses (total of 6

credit hours) as follows:

Take all of the following sequences:

- ACG 4903H - Honors Directed Reading I **Credit Hours: 3**
or
- ACG 4904H - Honors Directed Reading II **Credit Hours: 3**
and
- ACG 4970H - Undergraduate Honors Thesis **Credit Hours: 3**

Additional Information

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- Florida College System students are advised to complete the Associate of Arts degree, to include the general education requirements, the common program prerequisites for the SUS system, and college algebra.
- Orientation and advising are two of the most valuable tools that a student can make use of when transferring to UCF. Be sure that you take advantage of both.
- At this time, the combined curriculum from the BSBA and MSA programs meet the educational eligibility criteria for a Certified Public Accountant (CPA) license in the state of Florida. Please note that meeting additional eligibility criteria may also be required (e.g., exams, fees, years of supervised experience).

This program has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit

<https://apq.ucf.edu/files/Licensure-Disclosure-CBA-Accounting-BSBA.pdf>. We are unable to confirm the educational requirements for licensure and certification of other states. If you intend to pursue such credentialing in your state or elsewhere, we advise you to contact the applicable state credentialing authority to familiarize yourself with its specific requirements and determine if our program meets its eligibility criteria.

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.
- Common Program Prerequisites for the State University System for College of Business Administration programs include Financial Accounting, Managerial Accounting, Macroeconomics, Microeconomics, Calculus, Statistics, and a relevant computer class. At UCF Business, students who have completed the calculus and statistics class will be waived from Quantitative Business Tools I. Students who have completed either the calculus or the statistics, but not both, must take Quantitative Business Tools I.
- Subject to the general grade and residence requirements, credit will be granted for transferred course work equivalent to that required in the UCF Business program. Only grades of "C" or higher transfer into the program and students must have a "C" or better in each common program prerequisites class.
- Any student receiving a business degree must complete a minimum of 30 of the 60 upper level business credit hours for their degree program in the UCF College of Business Administration. Additionally, 12 of

the 30 credit hours completed at UCF must be from the department or school in which the student majors.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$15 per term
- Full-Time Student: \$30 per term

Accounting Minor

College

College of Business Administration

Department

Kenneth G Dixon School of Accounting

Program Type

Minor

Program Contact Information

College of Business Administration
Dixon School of Accounting
Business Administration I (BA1), 101
407-823-2184

Program Description

Minor Admission Requirements

- Students must earn a "B" (3.0) or higher in ACG 3131 Intermediate Financial Accounting I to be eligible for the Accounting Minor.

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Required Courses

15 Total Credits

- Complete the following:
 - ACG2021 - Principles of Financial Accounting (3)
 - ACG2071 - Principles of Managerial Accounting (3)
 - ACG3131 - Intermediate Financial Accounting I (3)
 - ACG3141 - Intermediate Financial Accounting II (3)
 - TAX4001 - Taxation of Business Entities and Transactions (3)

Restricted Electives

6 Total Credits

- Complete at least 2 of the following:
 - ACG3361 - Cost Accounting I (3)
 - ACG3501 - Financial Accounting for Governmental and Nonprofit Organizations (3)
 - ACG4401C - Accounting Information Systems (3)
 - ACG4651 - Auditing (3)
 - ACG4803 - Advanced Issues in Financial Accounting (3)
 - TAX4022 - Individual Federal Income Tax (3)

Grand Total Credits: **21**

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 21

Other Requirements

- Students must earn a cumulative grade-point average of 2.75 or better in all coursework used to satisfy the minor.
- Students must earn a minimum 2.0 (C) or better in each individual course used to satisfy the minor.
- Grades below "C" (2.0) or "S" grades from other institutions are not accepted.
- Courses taken at Florida College System institutions do not substitute for upper division courses.
- Courses transferred must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.
- At least nine hours used in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Independent Study, or Directed Research credit cannot be used toward the minor.

BSBA in Business Analytics

College

College of Business Administration

Department

Department of Economics

Program Type

Major

Program Contact Information

College of Business Administration
Economics Department
Business Administration II (BA2), 305
(407) 823-3266
economics@bus.ucf.edu

Senior Lecturer of Economics and Undergraduate Program Director: Dr. Nora Underwood
Business Administration II (BA2), 302N
407-823-3266
nunderwood@ucf.edu

Admission Requirements

- Completion of the UCF General Education program and Gordon Rule, or an AA degree from a Florida College System or State University System institution, and completion of each Common Program Prerequisite course with a "C" or better.
- Completion of the following courses at UCF or at an AACSB accredited institution: QMB 3200, MAR 3023, FIN 3403, MAN 3025, and ACG 3173, with a GPA of 2.0 or better. One course may be repeated one time in the next term of enrollment to meet these requirements.
- Completion of GEB 3006
- See Common Program Prerequisites
- A student's academic catalog year guarantees their graduation requirements, but not their admission requirements. All pre-majors are held to the current admission standards. This applies to both native and transfer students.

Program Description

Business analytics is a relatively new subfield of data science that integrates techniques and concepts from the fields of computer science, statistics, and economics. Business analytics students receive substantial training in economic theory and then use computer science and statistical methods to formulate business strategy. The foundation in economic theory is what makes the business analytics degree different from a data science degree.

In order for business analysts to be effective, they must understand the raw materials of data science in their field, namely, accounting and financial data. In fact, understanding accounting and financial data distinguishes business analytics from other fields of data science, such as bioinformatics.

For this reason, students who select the Business Analytics BSBA degree will take the same common, primary, and secondary core classes as all other BSBA majors in the College of Business. For the 27 credit hours (9 courses) that are unique to the Business Analytics BSBA degree, 7 of the 9 courses are existing economics courses that emphasize the economic theories and skills that will make the students competitive in the field of business analytics.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students wanting to major in Business Analytics must meet admission requirements for the major.
- Any student receiving a business degree must complete a minimum of 30 of the 61 upper level business credit hours for their degree program in the UCF College of Business Administration. Additionally, 12 of the 30 credit hours completed at UCF must be from the department or school in which the student majors.
- For students seeking a double major within the College of Business, a maximum of 6 hours of Required Courses for the Major or Restricted Electives may count towards another business major.
- A maximum of 6 hours of Core Requirements or Restricted Electives may count towards another degree program or minor.
- Students in the Economics major must maintain a 2.0 or higher cumulative Grade Point Average in all major courses taken at UCF and a 2.0 or higher cumulative GPA in all College of Business courses taken at UCF. Failure to maintain the required GPAs will result in the student being placed on Lack of Progress in the major and/or College. If a student on Lack of Progress fails to achieve the minimum required GPA in the subsequent term of enrollment, the student will be dismissed from the Economics major and/or College of Business. A student who is dismissed may seek consideration for re-admittance into the College or major by submitting a letter indicating the reasons for academic difficulties and positive plans for achieving the required GPA. Readmission is not automatic or guaranteed and as an exception to College policy is rarely granted.
- Students majoring in Business Analytics must earn a grade of "C" or better in each course applied toward the major. This includes all courses under Common Program Prerequisites (CPP), Core Requirements: Advanced Level (Primary Core, Secondary Core and Required Courses), and Capstone Requirements below.

General Education (GEP)

- Complete all of the following
 - Communication Foundation
 - Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - SPC 1608 - Fundamentals of Oral Communication Credit Hours: 3 (Preferred)
 - Cultural & Historical Foundation
 - Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation

- AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
- Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - GEP 6- Historical & Cultural Foundation - choose a course from GEP 4 or GEP 5
- Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Mathematical Foundation
 - Complete all of the following
 - Required:
 - Complete the following:
 - CGS2100C - Computer Fundamentals for Business (3)
 - Preferred:
 - Complete the following:

- MAC1105C - College Algebra (3)

Social Foundation

- Complete all of the following
 - Required:
 - Complete at least 1 of the following:
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - Complete at least 1 of the following:
 - ANT2000 - General Anthropology (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)

Science Foundation

- Earn at least 6 credits from the following course sets:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - All courses must be completed with a "C" or better.
 - Students must take either QMB 3003 Quantitative Business Tools I, or STA 2023 Statistical Methods I and MAC 2233 Concepts of Calculus, or STA 2023 Statistical Methods I and MAC 2311C Calculus with Analytic Geometry I.
 - Complete the following:
 - ACG2021 - Principles of Financial Accounting (3)
 - ACG2071 - Principles of Managerial Accounting (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - QMB3003 - Quantitative Business Tools I (3)
 - CGS2100C - Computer Fundamentals for Business (3)

Grand Total Credits: **18**

Prerequisite Admission Courses

- Completion of the following courses at UCF or at an AACSB accredited institution: QMB 3200, MAR 3023, FIN 3403, MAN 3025, and ACG 3173, with a GPA of 2.0 or better. One course may be repeated one time in the next term of enrollment to meet these requirements and completion of GEB 3006.

Degree Requirements

Core Requirements: Advanced Level

57 Total Credits

No Rules

Primary Core

15 Total Credits

- Complete the following:
 - ACG3173 - Accounting for Decision-Makers (3)
 - FIN3403 - Business Finance (3)
 - MAN3025 - Management of Organizations (3)
 - MAR3023 - Marketing (3)
 - QMB3200 - Quantitative Business Tools II (3)

Secondary Core

15 Total Credits

- Complete the following:
 - BUL3130 - Legal and Ethical Environment of Business (3)
 - GEB3005 - Career Search Strategy (1)
 - GEB3006 - Introduction to Career Development and Financial Plannings (3)
 - GEB4004 - Executing Your Career Plan (1)
 - GEB4223 - Business Interviewing Techniques (1)
 - MAR3203 - Supply Chain and Operations Management (3)
 - QMB3602 - Business Research for Decision Making (3)

Required Courses

27 Total Credits

- Complete the following:
 - ECO3101 - Intermediate Microeconomics (3)
 - ECO3410 - Mathematical Economics (3)
 - ECO4400 - Game Theory and Economics (3)
 - ECO4412 - Econometrics I (3)
 - ECO4422 - Econometrics II (3)
 - ECO4443 - Introduction to Business Analytics (3)
 - ECO4934 - Topics in Econometrics (3)
 - QMB3310 - Spreadsheets in Business Analytics (3)
 - QMB3311 - Python for Business Analytics (3)

Capstone Requirement

3 Total Credits

- Complete all of the following
 - This course is to be completed in the final semester before graduation. Must be completed with a "C" or better.
 - Complete the following:
 - QMB4911 - Capstone Project in Business Analytics (3)

Grand Total Credits: **60**

Program Details

Core Requirements: Basic Level

- None

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- Students majoring in Business Analytics must earn a grade of "C" or better in each course that counts towards the major, as well as a 2.0 overall average in the major, and a minimum College of Business GPA of 2.0.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Advising Notes

- Florida College System students are advised to complete the Associate of Arts degree, to include the general education requirements, the common program prerequisites for the SUS system, and college algebra.
- Orientation and advising are two of the most valuable tools that a student can make use of when transferring to UCF. Be sure that you take advantage of both.

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.
- Common Program Prerequisites for the State University System for College of Business Administration programs include Financial Accounting, Managerial Accounting, Macroeconomics, Microeconomics, Calculus, Statistics, and a relevant computer class. At UCF Business, students who have completed the calculus and statistics class will be waived from Quantitative Business Tools I. Students who have completed either the calculus or the statistics, but not both, must take Quantitative Business Tools I.
- Subject to the general grade and residence requirements, credit will be granted for transferred course

work equivalent to that required in the UCF Business program. Only grades of "C" or higher transfer into the program and students must have a "C" or better in each common program prerequisites class.

- Any student receiving a business degree must complete a minimum of 30 of the 61 upper level business credit hours for their degree program in the UCF College of Business Administration. Additionally, 12 of the 30 credit hours completed at UCF must be from the department or school in which the student majors.

Acceptable Substitutes for Transfer Courses

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$15 per term
- Full-Time Student: \$30 per term

Plan of Study

- General electives as required to earn 120 credit hours.

Freshman Year – Fall (15 credit hours)

- Science Foundation **Credit Hours: 3**
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**
- MAC 1105C - College Algebra **Credit Hours: 3**
- ENC 1101 - Composition I **Credit Hours: 3**

Cultural/Historical Foundation Credit Hours: 3

Freshman Year – Spring (15 credit hours)

- ACG 2021 - Principles of Financial Accounting **Credit Hours: 3**
- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3**
- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**

Cultural/Historical Foundation Credit Hours: 3

Sophomore Year – Fall (15 credit hours)

- ACG 2071 - Principles of Managerial Accounting **Credit Hours: 3**
- MAR 3023 - Marketing **Credit Hours: 3**
- QMB 3003 - Quantitative Business Tools I **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**

Science Foundation Credit Hours: 3

Sophomore Year – Spring (15 credit hours)

- FIN 3403 - Business Finance **Credit Hours: 3**
- QMB 3200 - Quantitative Business Tools II **Credit Hours: 3**
- ACG 3173 - Accounting for Decision-Makers **Credit Hours: 3**
- ECO 3101 - Intermediate Microeconomics **Credit Hours: 3**

Social Foundation **Credit Hours: 3**

Summer Session (6 credit hours)

- GEB 3006 - Introduction to Career Development and Financial Plannings **Credit Hours: 3**
- MAN 3025 - Management of Organizations **Credit Hours: 3**

Junior Year – Fall (13 credit hours)

- QMB 3310 - Spreadsheets in Business Analytics **Credit Hours: 3**
- QMB 3602 - Business Research for Decision Making **Credit Hours: 3**
- ECO 4412 - Econometrics I **Credit Hours: 3**
- GEB 3005 - Career Search Strategy **Credit Hours: 1**
- Free Elective **Credit Hours: 3**

Junior Year – Spring (13 credit hours)

- QMB 3311 - Python for Business Analytics **Credit Hours: 3**
- ECO 3410 - Mathematical Economics **Credit Hours: 3**
- MAR 3203 - Supply Chain and Operations Management **Credit Hours: 3**
- GEB 4223 - Business Interviewing Techniques **Credit Hours: 1**

Free Elective Credit Hours: 3

Senior Year – Fall (12 credit hours)

- ECO 4400 - Game Theory and Economics **Credit Hours: 3**
- ECO 4422 - Econometrics II **Credit Hours: 3**
- BUL 3130 - Legal and Ethical Environment of Business **Credit Hours: 3**

Free Elective Credit Hours: 3

Senior Year – Spring (13 credit hours)

- ECO 4443 - Introduction to Business Analytics **Credit Hours: 3**
- ECO 4934 - Topics in Econometrics **Credit Hours: 3**
- QMB 4911 - Capstone Project in Business Analytics **Credit Hours: 3**
- GEB 4004 - Executing Your Career Plan **Credit Hours: 1**

Free Elective Credit Hours: 3

Business Analytics Minor

College

College of Business Administration

Department

Department of Economics

Program Type

Minor

Program Contact Information

**College of Business
Economics Department
Business Administration II (BA2), 305
407-823-3266
economics@bus.ucf.edu**

***Chair:* Dr. Michael Caputo
mcaputo@ucf.edu**

Program Description

Business analytics is informed by theories from economics. Particularly important are models of incomplete information, for example, the models of moral hazard, where economic actors take hidden actions in their own self-interests, and adverse selection, where unobserved differences among economic actors known only privately to each result in their taking different actions.

Also important are models of equilibrium strategic behavior, such as those derived in the theory of noncooperative games of incomplete information, which allow the equilibrium features of models of moral hazard and adverse selection to be investigated. Perhaps the best known and most successful applications of equilibrium strategic behavior in the presence of adverse selection involve models of auctions. Auctions have garnered billions and billions of dollars for such firms as eBay and Google and have also been important in determining which firms have access to the radio spectra that make using cellphones and WiFi so convenient.

Methods of business analytics also rely heavily on tools from econometrics as well as those from mathematical economics.

Degree Requirements

Required Courses

18 Total Credits

- Complete the following:
 - ECO3101 - Intermediate Microeconomics (3)
 - ECO3410 - Mathematical Economics (3)
 - ECO4400 - Game Theory and Economics (3)
 - ECO4412 - Econometrics I (3)
 - ECO4422 - Econometrics II (3)
 - ECO4443 - Introduction to Business Analytics (3)

Grand Total Credits: **18**

Business Minor

College

College of Business Administration

Program Type

Minor

Program Contact Information

College of Business Administration
Office of Professional Development
Business Administration II (BA2), 101
407-823-218
opd@ucf.edu

Program Description

Not available to Business majors.

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- Students must satisfy each courses prerequisites before enrolling in the class.

Degree Requirements

Required Courses

18 Total Credits

- Complete the following:
 - ACG2021 - Principles of Financial Accounting (3)
 - ACG2071 - Principles of Managerial Accounting (3)
 - MAN3025 - Management of Organizations (3)
 - MAR3023 - Marketing (3)
 - QMB3200 - Quantitative Business Tools II (3)
 - FIN3403 - Business Finance (3)

Grand Total Credits: **18**

Program Details

Restricted Electives

- None

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

Other Requirements

- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades below "C" (2.0) or "S" grades from other institutions are not accepted.
- Courses taken at Florida College System institutions do not substitute for upper division courses.
- Courses transferred must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.
- At least twelve hours used in the minor must be earned at UCF within the College of Business.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Independent Study, or Directed Research credit cannot be used toward the minor.

Economics (B.S.)

College

College of Business Administration

Department

Department of Economics

Program Type

Major

Program Contact Information

College of Business Administration
Economics Department
Business Administration II (BA2), 305
(407) 823-3266
economics@bus.ucf.edu

Senior Lecturer of Economics and Undergraduate Program Director: Dr. Nora Underwood
Business Administration II (BA2), 302N
nunderwood@ucf.edu

Program Description

The Bachelor of Science in Economics is designed for students who wish to receive specialized training in Economics within a broad liberal arts education. Flexibility to select from a variety of courses allows students to customize their education to their personal interests and career goals. An Economics degree provides skills and training for careers in business, law, government, politics, teaching, research, and a variety of other areas. This degree also provides a strong foundation for future graduate studies in business, economics, law and public administration. Successful completion of this program leads to the Bachelor of Science degree with a major in Economics. Not eligible for a double degree with the BSBA in Business Economics.

Admission Requirements

- None

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog requirements.
- Students should consult with the major advisor for the Department.
- General Education Program and Common Program Prerequisite courses are usually completed in the first 60 hours.
- Students must earn a "B" or higher in QMB 3003 and QMB 3200 (or a "C" or higher in the equivalent calculus and statistics courses). In addition, only grades of "C" or higher transfer into the program and students must earn a minimum of "C" or higher in all courses applied to the major. This includes all courses under requirements Common Program Prerequisites (CPP), Core Requirements: Advanced Level, and Restricted Electives.

General Education (GEP)

Communication Foundations

9 Total Credits

- Complete all of the following
 - Preferred:
 - Complete the following:
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Earn at least 6 credits from the following course sets:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

Cultural and Historical Foundations

9 Total Credits

- Earn at least 9 credits from the following course sets:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)

- FIL3037 - Film History II (3)
- LIT2110 - World Literature I (3)
- LIT2120 - World Literature II (3)
- MUH2017 - Survey of Rock Music (3)
- MUH2019 - American Popular Music, 1840s-present (3)
- MUL2016 - Evolution of Jazz (3)
- MUL2720 - Music of the World (3)
- PHI2010 - Introduction to Philosophy (3)
- REL2300 - World Religions (3)
- THE2000 - Theatre Survey (3)
- MUL2010 - Enjoyment of Music (3)

Mathematical Foundations

6 Total Credits

- Complete all of the following
 - Required:
 - Complete the following:
 - STA2023 - Statistical Methods I (3)
 - Preferred:
 - Complete the following:
 - MAC1105C - College Algebra (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Required:
 - Complete at least 1 of the following:
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - Suggested:
 - Complete at least 1 of the following:
 - ANT2000 - General Anthropology (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)

Science Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information.
 - Courses also count as GEP:
 - Complete the following:
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)

Grand Total Credits: **6**

Degree Requirements

Core Requirements: Advanced Level

12 - 16 Total Credits

- Complete all of the following
 - Complete the following:
 - ECO3101 - Intermediate Microeconomics (3)
 - ECO3203 - Intermediate Macroeconomics (3)
 - Select one of the following sequences of courses:
 - Complete 1 of the following
 - Complete the following:
 - QMB3003 - Quantitative Business Tools I (3)
 - Complete the following:
 - MAC2233 - Concepts of Calculus (3)
 - STA2023 - Statistical Methods I (3)
 - Complete the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - STA2023 - Statistical Methods I (3)
 - Students must receive a "C" or better in MAC 2233 and STA 2023 or MAC 2311C and STA 2023 to be waived from QMB 3003.
 - Select one of the following sequences of courses:
 - Complete 1 of the following
 - Complete the following:
 - QMB3200 - Quantitative Business Tools II (3)
 - Or
 - Complete the following:
 - STA4163 - Statistical Methods II (3)
 - Or
 - Complete the following:
 - STA4321 - Statistical Theory I (3)

Restricted Electives

27 Total Credits

- Complete all of the following
 - Complete at least 9 of the following:
 - ECO3223 - Money and Banking (3)
 - ECO3410 - Mathematical Economics (3)
 - ECO3703 - International Microeconomics (3)
 - ECO4934 - Topics in Econometrics (3)
 - ECP3004 - Seminar on Current Economic Topics (3)
 - ECP3203 - Labor Economics (3)
 - ECP4303 - Environmental and Natural Resource Economics (3)
 - ECS4013 - Development Economics (3)
 - ECP4530 - Health Economics (3)
 - ECO4400 - Game Theory and Economics (3)
 - ECO4443 - Introduction to Business Analytics (3)

- ECO4412 - Econometrics I (3)
- ECO4422 - Econometrics II (3)
- ECO4504 - Public Economics (3)
- ECO4713 - International Macroeconomics (3)
- ECO4751 - Law and Economics (3)
- ECP3006 - Economics of Sports (3)
- ECO4714 - Advanced Topics in International Economics (3)
- ECO3155 - Thinking Like an Economist (3)
- For students interested in preparing for graduate school in Economics and other graduate programs the following courses are strongly recommended: ECO 3410 - Mathematical Economics ECO 4412 - Econometrics I ECO 4422 - Econometrics II ECP 4403 - Industrial Organization ECO 4934 - Topics in Econometrics ECO 4400 - Game Theory and Economics ECO 4443 - Introduction to Business Analytics
- For students interested in Finance: One course from the following list can count as a restricted elective towards the economics degree. FIN 3414 - Intermediate Corporate Finance FIN 4504 - Equity and Capital Markets FIN 4604 - International Financial Management FIN 4243 - Debt and Money Markets NOTE: To enroll in one of these courses you must have taken both FIN 3403 and ACG 3173 and earned a B or better in both courses.

Grand Total Credits: **39 - 43**

Program Details

Capstone Requirements

- None

Electives

- Variable

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- Students majoring in Economics must earn a grade of "C" or better in each ECO, ECP, and ECS course and in every course applied towards the major, as well as a 2.0 overall average in the major.
- Students are required to complete an exit survey and comprehensive exit exam in Economics.
- Students should take the exit survey and comprehensive exit exam in their final semester.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- Students enrolled in the Honors in the Major (HIM) program who complete ECO 4903H (3 units) and ECO 4970H (3 units), and then successfully defend their thesis can substitute ECO 4970H for one restricted elective course in the major.

Related Programs

- Economics, Business (B.S.B.A.)

Related Minors

- Business Analytics
- Computer Science Minor
- Legal Studies Minor
- Mathematics Minor
- Political Science Minor
- Psychology Minor
- Sociology Minor
- Statistics Minor

Advising Notes

- None

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.
- Only grades of "C" or better transfer into the program and students must have a "C" or better in each common program prerequisites class.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are

located at: http://www.oemas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$15 per term
- Full-Time Student: \$30 per term

Economics, Business (B.S.B.A.)

College

College of Business Administration

Department

Department of Economics

Program Type

Major

Program Contact Information

College of Business Administration
Economics Department
Business Administration II (BA2), 305
(407) 823-3266
economics@bus.ucf.edu

Senior Lecturer of Economics and Undergraduate Program Director: Dr. Nora Underwood
Business Administration II (BA2), 302N
407-823-3266
nunderwood@ucf.edu

Admission Requirements

- Completion of the UCF General Education program and Gordon Rule, or an AA degree from a Florida College System or State University System institution, and completion of each Common Program Prerequisite course with a "C" or better.
- Completion of the following courses at UCF or at an AACSB accredited institution: QMB 3200, MAR 3023, FIN 3403, MAN 3025, and ACG 3173, with a GPA of 2.0 or better. One course may be repeated one time in the next term of enrollment to meet these requirements.
- Completion of GEB 3006
- See Common Program Prerequisites
- A student's academic catalog year guarantees their graduation requirements, but not their admission requirements. All pre-majors are held to the current admission standards. This applies to both native and transfer students.

Program Description

The Business Economics major for the Bachelor of Science in Business Administration is designed for students who wish to receive specialized training in Economics along with core skills in business administration. Flexibility to select from a variety of courses allows students to customize their education program to their personal interests and career goals. This degree provides skills and training for careers in business and industry, law, government, politics, teaching, research, and a variety of other areas. This degree also provides a strong foundation for future graduate studies in business, economics, law and public administration. Not eligible for a double degree with another College of Business Administration major.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students wanting to major in Business Economics must meet admission requirements for the major.
- Any student receiving a business degree must complete a minimum of 30 of the 61 upper level business credit hours for their degree program in the UCF College of Business Administration. Additionally, 12 of the 30 credit hours completed at UCF must be from the department or school in which the student majors.
- For students seeking a double major within the College of Business, a maximum of 6 hours of Required Courses for the Major or Restricted Electives may count towards another business major.
- A maximum of 6 hours of Core Requirements or Restricted Electives may count towards another degree program or minor.
- Students in the Economics major must maintain a 2.0 or higher cumulative Grade Point Average in all major courses taken at UCF and a 2.0 or higher cumulative GPA in all College of Business courses taken at UCF. Failure to maintain the required GPAs will result in the student being placed on Lack of Progress in the major and/or College. If a student on Lack of Progress fails to achieve the minimum required GPA in the subsequent term of enrollment, the student will be dismissed from the Economics major and/or College of Business. A student who is dismissed may seek consideration for re-admittance into the College or major by submitting a letter indicating the reasons for academic difficulties and positive plans for achieving the required GPA. Readmission is not automatic or guaranteed and as an exception to College policy is rarely granted.
- Students majoring in Economics must earn a grade of "C" or better in QMB 3200 and each course applied toward the major. This includes all courses under Common Program Prerequisites (CPP), Core Requirements: Required Courses for Major, and Restricted and Business Electives listed below. This does not include Core Requirements: Primary Core, Secondary Core, or Capstone requirements listed below.

General Education (GEP)

- Complete all of the following
 - Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - SPC 1608 - Fundamentals of Oral Communication: Preferred
 - Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)

- ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- GEP 6- Historical & Cultural Foundation - choose a course from GEP 4 or GEP 5
- Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - MAC 1105C - College Algebra: Preferred
 - GEP 8- Mathematical Foundation
 - Complete the following:
 - MAC1105C - College Algebra (3)
- Complete all of the following
 - GEP 9- Social Foundation
 - Complete the following:
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - GEP 10- Social Foundation

- Complete at least 1 of the following:
 - ANT2000 - General Anthropology (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - Complete at least 1 courses from the following:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **39 - 42**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - In addition to ECO 2013 and ECO 2023 - Principles of Microeconomics from the GEP:
 - Complete the following:
 - ACG2021 - Principles of Financial Accounting (3)
 - ACG2071 - Principles of Managerial Accounting (3)
 - CGS2100C - Computer Fundamentals for Business (3)
 - Complete 1 of the following
 - Complete the following:
 - QMB3003 - Quantitative Business Tools I (3)
 - Complete the following:
 - MAC2233 - Concepts of Calculus (3)
 - STA2023 - Statistical Methods I (3)
 - Complete the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - STA2023 - Statistical Methods I (3)
 - Students must receive a "C" or better in MAC 2233 and STA 2023 or MAC 2311C and STA 2023 to be waived from QMB 3003.

Grand Total Credits: **12 - 16**

Degree Requirements

Core Requirements: Advanced Level

36 Total Credits

- Complete all of the following
 - Complete the following:
 - ACG3173 - Accounting for Decision-Makers (3)

- QMB3200 - Quantitative Business Tools II (3)
- FIN3403 - Business Finance (3)
- MAN3025 - Management of Organizations (3)
- MAR3023 - Marketing (3)
- Complete the following:
 - GEB3006 - Introduction to Career Development and Financial Plannings (3)
 - GEB3005 - Career Search Strategy (1)
 - BUL3130 - Legal and Ethical Environment of Business (3)
 - MAR3203 - Supply Chain and Operations Management (3)
 - GEB4223 - Business Interviewing Techniques (1)
 - GEB4004 - Executing Your Career Plan (1)
 - QMB3602 - Business Research for Decision Making (3)
- Complete the following:
 - ECO3101 - Intermediate Microeconomics (3)
 - ECO3203 - Intermediate Macroeconomics (3)

Restricted Electives

18 Total Credits

- Complete at least 6 of the following:
 - ECO3223 - Money and Banking (3)
 - ECO3410 - Mathematical Economics (3)
 - ECO3703 - International Microeconomics (3)
 - ECP3004 - Seminar on Current Economic Topics (3)
 - ECP3203 - Labor Economics (3)
 - ECP4303 - Environmental and Natural Resource Economics (3)
 - ECP4403 - Industrial Organization (3)
 - ECS4013 - Development Economics (3)
 - ECO4934 - Topics in Econometrics (3)
 - ECP4530 - Health Economics (3)
 - ECO4400 - Game Theory and Economics (3)
 - ECO4443 - Introduction to Business Analytics (3)
 - ECO4412 - Econometrics I (3)
 - ECO4422 - Econometrics II (3)
 - ECO4504 - Public Economics (3)
 - ECO4713 - International Macroeconomics (3)
 - ECP3006 - Economics of Sports (3)
 - ECO4751 - Law and Economics (3)
 - ECO4714 - Advanced Topics in International Economics (3)
 - ECO3155 - Thinking Like an Economist (3)

Business Electives

3 Total Credits

- Complete all of the following
 - Earn at least 3 credits from the following types of courses:
Choose any upper level business course.
 - For students interested in preparing for graduate school in Economics and other graduate programs, the following courses are strongly recommended: ECO 3410 - Mathematical Economics Credit Hours: 3 ECO 4412 - Econometrics I Credit Hours: 3 ECO 4422 - Econometrics II Credit Hours: 3 ECP 4403 - Industrial Organization Credit Hours: 3 ECO 4934 - Topics in Econometrics Credit Hours: 3 ECO 4400 - Game Theory and Economics Credit Hours: 3 ECO 4443 - Introduction to Business Analytics Credit Hours: 3
 - For students interested in Finance one course from the following list can count as a restricted elective towards the economics degree. NOTE: To enroll in one of these courses you must have taken both FIN 3403 and ACG 3173 and earned a B or better in both courses. FIN 4604 - International Financial Management Credit Hours: 3 FIN 3414 - Intermediate Corporate Finance Credit Hours: 3 FIN 4243 - Debt and Money Markets Credit Hours: 3 FIN 4504 - Equity and Capital Markets Credit Hours: 3

Capstone Requirements

3 Total Credits

- Complete all of the following

- Complete all of the following:
 - Complete the following:
 - MAN4720 - Strategic Management (3)
 - Admitted to a Business major, senior standing, and completion of MAN 3025, MAR 3023, FIN 3403, QMB 3200, and ACG 3173 or ACG 3131 are required to register for MAN 4720.

Grand Total Credits: **60**

Program Details

Electives

- Variable

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- Students majoring in Economics must earn a grade of "C" or better in each ECO, ECP, and ECS course, as well as a 2.0 overall average in the major and a minimum College of Business GPA of 2.0.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- Students enrolled in the Honors in the Major (HIM) program who complete ECO 4903H (3 units) and ECO 4970H (3 units), and then successfully defend their thesis can substitute ECO 4970H for one restricted elective course in the major.

Related Programs

- Economics (B.S.)

Certificates

- None

Related Minors

- Business Analytics Minor

Advising Notes

- Florida College System students are advised to complete the Associate of Arts degree, to include the general education requirements, the common program prerequisites for the SUS system, and college algebra.
- Orientation and advising are two of the most valuable tools that a student can make use of when transferring to UCF. Be sure that you take advantage of both.

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.
- Common Program Prerequisites for the State University System for College of Business Administration programs include Financial Accounting, Managerial Accounting, Macroeconomics, Microeconomics, Calculus, Statistics, and a relevant computer class. At UCF Business, students who have completed the calculus and statistics class will be waived from Quantitative Business Tools I. Students who have completed either the calculus or the statistics, but not both, must take Quantitative Business Tools I.
- Subject to the general grade and residence requirements, credit will be granted for transferred course work equivalent to that required in the UCF Business program. Only grades of "C" or higher transfer into the program and students must have a "C" or better in each common program prerequisites class.
- Any student receiving a business degree must complete a minimum of 30 of the 61 upper level business credit hours for their degree program in the UCF College of Business Administration. Additionally, 12 of the 30 credit hours completed at UCF must be from the department or school in which the student majors.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$15 per term
- Full-Time Student: \$30 per term

Economics Minor

College

College of Business Administration

Department

Department of Economics

Program Type

Minor

Program Contact Information

**College of Business Administration
Economics Department
Business Administration II (BA2), 305**
(407) 823-3266
economics@bus.ucf.edu

Senior Lecturer of Economics and Undergraduate Program Director: Dr. Nora Underwood
Business Administration II (BA2), 302N
407-823-3266
nunderwood@ucf.edu

Program Description

(for both Business Majors and non-Business Majors)

The Economics Minor is designed to complement a broad range of business and non-business majors. The Minor requires a core of courses in economic theory and applications along with a selection of electives that can be tailored to the student's personal interests. This Minor is highly recommended for students considering graduate school in business, economics, law or public administration. Not open to students in the Economics (BS) or Business Economics (BSBA). Not open to students in the Mathematical Economics concentration of the Mathematics (BS) major.

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- The quantitative prerequisite for ECO 3101 and ECO 3203 may be met by choosing one of the following three options:
 - A. QMB 3003, or
 - B. MAC 2233 and STA 2023, or
 - C. MAC 2311C and STA 2023.

Degree Requirements

Required Courses

9 Total Credits

- Complete all of the following
 - Complete the following:
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - Complete at least 1 of the following:
 - ECO3101 - Intermediate Microeconomics (3)
 - ECO3203 - Intermediate Macroeconomics (3)

Restricted Electives

9 Total Credits

Upper Division Restricted Electives

- Earn at least 9 credits from the following types of courses:
Select from any ECO, ECP or ECS courses at the 3000 - 4000 level, excluding QMB 3003 and QMB 3200.

Grand Total Credits: **18**

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

Other Requirements

- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades below "C" (2.0) or "S" grades from other institutions are not accepted.
- Courses taken at Florida College System institutions do not substitute for upper division courses.
- Courses transferred must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.
- At least nine hours used in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Independent Study, or Directed Research credit cannot be used toward the minor.
- A maximum of 6 hours of the above listed restricted elective courses can count toward another major or minor degree program.

Entrepreneurship Certificate

College

College of Business Administration

Department

Department of Management

Program Type

Certificate

Program Description

Entrepreneurial thinking skills that help individuals recognize opportunities, create solutions, and implement plans are essential to professional success and long-term career security. This certificate introduces students to models, methods, and skills associated with developing successful startups and new social, corporate, and government ventures. The certificate is open to students from all majors who want to learn how to turn their ideas into viable projects, startups, and new ventures.

Degree Requirements

Required Courses

9 Total Credits

- Complete the following:
 - ENT3613 - Creativity and Entrepreneurship (3)
 - ENT4013 - New Venture Design (3)
 - ENT4014 - New Venture Implementation (3)

Restricted Electives

3 Total Credits

- Complete all of the following
 - Earn at least 3 credits from the following:
 - ENT4183 - Technological Entrepreneurship (3)
 - ENT4503 - Social Entrepreneurship (3)
 - ENT4942 - Entrepreneurial Internship (3)
 - MAN4941 - Management Internship (3)
 - GEB4941 - Integrated Business Internship (1 - 99)
 - Internships must be in collaboration with a local startup, small business, or entrepreneurship support organization. Internship packets are available in the Management Department (BA1-309). : ENT 4503

Grand Total Credits: **12**

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 12

Other Requirements

- A minimum GPA of 2.0 is required in all courses used to satisfy the certificate.
- Grades below "C" (2.0) or "S" grades from other institutions are not accepted.
- Courses taken at Florida College System institutions do not substitute for upper division courses.
- Courses transferred must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.
- At least nine hours used in the certificate must be earned at UCF.
- No Credit by Exam (TSD, Military credit) may be used.

Entrepreneurship Minor

College

College of Business Administration

Department

Department of Management

Program Type

Minor

Program Contact Information

**College of Business Administration
Management Department
Center for Entrepreneurial Leadership
Business Administration I (BA1), 309**

Associate Professor, Management; Founding Director, Center for Entrepreneurial Leadership and StarterLab; and Director, UCF Blackstone LaunchPad: Dr. Cameron Ford

407-823-5569

cford@ucf.edu

Program Description***Open to Business and Non-Business Students***

The entrepreneurship minor provides students from all academic disciplines with entrepreneurial skills needed to create successful startup ventures, new corporate initiatives, and potent non-profit organizations. This minor is a great complement to students' education because it adds broad entrepreneurial thinking skills to the deep discipline-based expertise provided by academic majors. Participants will learn how to recognize opportunities, formulate solutions, and deliver results to those in need. These skills are essential to starting new businesses, and are valued by small and large organizations seeking employees who can create and lead innovative new initiatives.

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Required Courses

12 Total Credits

- Complete all of the following
 - Complete the following:
 - ENT3613 - Creativity and Entrepreneurship (3)
 - ENT4013 - New Venture Design (3)
 - ENT4014 - New Venture Implementation (3)
 - * ENT 4013 - Students may substitute ENT 5016-New Venture Design for ENT 4013 - New Venture Design, and/or ENT 5206-New Venture Implementation for ENT 4014 - New Venture Implementation with the consent of the graduate course instructor. Contact the program coordinator for more information.
 - * ENT 4014 - Students may substitute ENT 5016-New Venture Design for ENT 4013-New Venture Design, and/or ENT 5206-New Venture Implementation for ENT 4014-New Venture Implementation with the consent of the graduate course instructor. Contact the program coordinator for more information.
- Select One:
 - Complete at least 1 of the following:
 - ENT4183 - Technological Entrepreneurship (3)
 - ENT4503 - Social Entrepreneurship (3)

Restricted Electives

6 Total Credits

- Complete all of the following
 - Complete at least 2 of the following:
 - EGN4641C - Engineering Entrepreneurship (3)
 - ENT4183 - Technological Entrepreneurship (3)
 - ENT4412 - Managing Small Business Finances (3)
 - ENT4503 - Social Entrepreneurship (3)
 - ENT4942 - Entrepreneurial Internship (3)
 - MAN4046 - Teamwork, Collaboration, and Group Dynamics (3)
 - MAN4143 - Leadership Development (3)
 - MAR3407 - Integrated Marketing and Sales (3)
 - MAR3765 - Entrepreneurial Marketing (3)
 - ENT 4906 - Directed Independent Study Credit Hours: 3
 - * Requires completion of the College of Business Common Program Prerequisites and Primary Core as prerequisites. Therefore, these courses are not available to non-business majors - ENT 4412, MAR 3407
 - * Independent study requires students to develop a portfolio of new venture deliverables that demonstrate specific entrepreneurship competencies. Competencies addressed, milestones completed, and deliverables required will be determined in consultation with supervising faculty. Details regarding independent study opportunities are available at <http://www.cel.ucf.edu> - ENT 4906
 - * Internships must be in collaboration with a local startup, small business, or entrepreneurship support organization. Internship packets are available in the Management Department (BA1-309). - ENT 4942

Grand Total Credits: **18**

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

Other Requirements

- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades below "C" (2.0) or "S" grades from other institutions are not accepted.
- Courses taken at Florida College System institutions do not substitute for upper division courses.
- Courses transferred must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.
- At least 12 hours used in the minor must be earned at UCF.
- No credit by exam (TSD, Military credit) may be used.
- A maximum of 6 hours of the above listed required or elective courses can count toward another major or minor degree program.

FinTech Certificate

College

College of Business Administration

Department

Department of Finance

Program Type

Certificate

Program Contact Information

Kelley Dietrich
cbagrad@bus.ucf.edu

Is this program available 100% online?

No

Program Description

**College of Business Administration
Department of Finance
Business Administration I (BS1), 409**

Students seeking advising must go to Business Administration II (BA2), 101.

Open to College of Business students majoring in Accounting, Economics, and Finance and College of Engineering & Computer Science students. This certificate requires three additional hours beyond the finance major program. They are intended to allow students to develop specializations in areas of interest. Certificates will be awarded only at the time of degree completion.

Certificate Admission Requirements

- Completion of FIN 3403 with a "B" or better prior to application to the minor.

Certificate Requirements

- A minimum GPA of 2.0 is required in all courses used to satisfy the certificate.

Prerequisite Admission Courses

Prerequisite Courses

- Complete the following:
 - FIN3403 - Business Finance (3)

Degree Requirements

Required Courses

9 Total Credits

- Complete all of the following
 - Complete the following:
 - ECO4443 - Introduction to Business Analytics (3)
 - FIN4450 - Foundations of FinTech (3)
 - FIN4451 - FinTech for Decision Makers (3)
 - ECO 4443 is a prerequisite for FIN 4458 and FIN 4468.

Grand Total Credits: **9**

Program Details

Foreign Language Requirements

None

Total Undergraduate Credit Hours Required: 9

Other Requirements

- Grades below "C" or "S" grades from other institutions are not accepted.
- Courses taken at Florida College System institutions do not substitute for upper division courses.
- Courses transferred must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.
- All hours used in the certificate must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.

FinTech Certificate for CECS

College

College of Business Administration

Department

Department of Finance

Program Type

Certificate

Program Contact Information

**College of Business Administration
Department of Finance
Business Administration I (BS1), 409**

Students seeking advising must go to Business Administration II (BA2), 101.

Is this program available 100% online?

No

Program Description

Open to College of Engineering and Computer Science students and students who meet the prerequisites.

Program participants will acquire specific knowledge of FinTech to meet the growing demands for such services.

Certificates will be awarded only at the time of degree completion.

Certificate Requirements

A minimum GPA of 2.0 is required in all courses used to satisfy the certificate.

Students must have already taken (or are about to complete) the first two Computer Science courses (COP 3223C/3223H or EGN 3211 and COP3502C/3502H).

B or better in FIN 3403 or FIN 3403H (Business Finance).

CECS students are eligible for admission into FIN 3403H offered in Fall semester, with department approval.

Pre-requisites are waived for FIN 3403/3403H for CECS students.

Degree Requirements

Required Courses

15 Total Credits

- Complete all of the following
 - Either COP 3223C or EGN 3211 needs to be taken.
 - For COP 3502H, 3223H and FIN 3403H, honors sections of the respective courses will be accepted.
 - All classes are 3 credit hour classes.
 - Earn at least 15 credits from the following:
 - COP3223C - Introduction to Programming with C (3)
 - EGN3211 - Engineering Analysis and Computation (3)
 - COP3502C - Computer Science I (3)
 - FIN3403 - Business Finance (3)
 - FIN4450 - Foundations of FinTech (3)
 - FIN4451 - FinTech for Decision Makers (3)

Other Requirements

0 Total Credits

- Complete all of the following
 - Enrollment for the FinTech Certificate is by application only. CECS students must obtain the Department of Finance permission to enroll for the Certificate.
 - All 15 hours used in the Certificate must be earned at UCF within the respective Colleges and Departments.

Grand Total Credits: **15**

FinTech Minor

College

College of Business Administration

Department

Department of Finance

Program Type

Minor

Program Contact Information

**College of Business Administration
Finance Department
Business Administration I (BS1), 409**

Students seeking advising must go to Business Administration II (BA2), 101.

Program Description

Open to College of Business students majoring in Accounting, Economics, and Finance and College of Engineering & Computer Science students.

Program participants will acquire competence in computer programming skills for use in data analytics and specific knowledge of FinTech to meet the growing demands for such services.

Minor Admission Requirements

- Completion of FIN 3403 with a "B" or better prior to application to the minor.

Minor Requirements

- None

Degree Requirements

Required Courses

9 Total Credits

- Complete all of the following
 - Complete at least 1 of the following:
 - COP3223C - Introduction to Programming with C (3)
 - EGN3211 - Engineering Analysis and Computation (3)
 - Complete the following:
 - COP3502C - Computer Science I (3)
 - FIN3403 - Business Finance (3)
 - Prerequisites for FIN 3403 are waived for College of Engineering & Computer Science students
 - Only one of either COP 3223C or EGN 3211 is required

Grand Total Credits: **9**

Program Details

Required Electives (9 hrs for Business Administration students). (6 hrs for Engineering and Computer Science students).

- ECO 4444 - Introduction to Business Analytics for FinTech **Credit Hours: 3**
- FIN 4450 - Foundations of FinTech **Credit Hours: 3**
- FIN 4451 - FinTech for Decision Makers **Credit Hours: 3**

ECO 4444 is not needed for College of Engineering & Computer Sciences students.

Restricted Electives (3 hrs for CECS students. NOT required for Business Administration students)

Select 1:

- FIN 3414 - Intermediate Corporate Finance **Credit Hours: 3**
- FIN 3461 - Financial Statement Analysis **Credit Hours: 3**
- FIN 4243 - Debt and Money Markets **Credit Hours: 3**
- FIN 4324 - Commercial Bank Management **Credit Hours: 3**
- FIN 4504 - Equity and Capital Markets **Credit Hours: 3**
- FIN 4514 - Portfolio Analysis and Management **Credit Hours: 3**
- FIN 4533 - Financial Derivatives **Credit Hours: 3**
- FIN 4604 - International Financial Management **Credit Hours: 3**

(1) Prerequisites waived for College of Engineering & Computer Science students for FIN 4515, Portfolio Analysis and Management and FIN 4533, Financial Derivatives

Foreign Language Requirements

None

Total Semester Hours Required

18

Other Requirements

- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades below "C" or "S" grades from other institutions are not accepted.
- Courses taken at Florida College System institutions do not substitute for upper division courses.
- Courses transferred must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.
- At least nine hours used in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Directed Research credit cannot be used toward the minor.
- A maximum of 6 hours of the above listed required or elective courses can count toward another major or minor degree program.

Finance (B.S.B.A.)

College

College of Business Administration

Department

Department of Finance

Program Type

Major

Program Contact Information

College of Business Administration
Department of Finance
Business Administration I (BS1), 409
407-823-3575

Admission Requirements

- Completion of the UCF General Education program and Gordon Rule, or an AA degree from a Florida College System or State University System institution, and completion of each Common Program Prerequisite course with a "C" or better.
- Completion of the following courses at UCF or at an AACSB accredited institution: QMB 3200, MAR 3023, FIN 3403, MAN 3025, and ACG 3173, with a GPA of at least 3.0, a grade of at least "B" in FIN 3403, at least a "B" in ACG 3173 OR at least a "C" in ACG 3131. One course may be repeated one time in the next term of enrollment to meet these requirements.
- Completion of GEB 3006
- Completion of Common Program Prerequisites
- A student's academic catalog year guarantees their graduation requirements, but not their admission requirements. All pre-majors are held to the current admission standards. This applies to both native and transfer students.

Program Description

The study of finance prepares students for careers in corporate finance, investments, banking and real estate. Not eligible for a double degree with another College of Business Administration major.

Degree Requirements

- Students who change their degree programs and select this major must adopt the most current catalog.
- Students wanting to major in Finance must meet admission requirements for the major.
- Any student receiving a business degree must complete a minimum of 30 of the 60 upper level business credit hours for their degree program in the UCF College of Business Administration. Additionally, 12 of the 30 credit hours completed at UCF must be from the department or school in which the student majors.
- For students seeking a double major within the College of Business, a maximum of 6 hours of Required Courses for the Major or Restricted Electives may count towards another business major.
- A maximum of 6 hours of Core Requirements or Restricted Electives may count towards another degree program or minor.
- Students in the Finance major must maintain a 2.75 or higher cumulative Grade Point Average in all 3000 level or higher Finance courses taken at UCF and a 2.0 or higher cumulative GPA in all College of Business courses taken at UCF. Failure to maintain the required GPAs will result in the student being placed on Lack of Progress in the major and/or College. If a student on Lack of Progress fails to achieve the minimum required GPA in the subsequent term of enrollment, the student will be dismissed from the Finance major and/or College of Business. A student who is dismissed may seek consideration for readmittance into the College or major by submitting a letter indicating the reasons for academic difficulties and positive plans for achieving the required GPA. Readmission is not automatic or guaranteed and as an exception to College policy is rarely granted.
- Students must earn a "B" or higher in FIN 3403 and ACG 3173 (or a "C" or higher in ACG 3131). In addition, only grades of "C" or higher transfer into the program and students must earn a minimum of "C" or higher in all business courses. This includes all courses under requirements Common Program Prerequisites (CPP), Core Requirements: Advanced Level (Primary Core, Secondary Core and Required Courses for Major), Restricted Electives and Capstone Requirements below.

General Education (GEP)

- Complete all of the following
 - Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)

- Complete at least 1 courses from the following:
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - SPC 1608 - Fundamentals of Oral Communication: Preferred
 - Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - Earn at least 3 credits from the following types of courses:
 - GEP 6- Historical & Cultural Foundation - choose a course from GEP 4 or GEP 5
 - Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - MAC 1105C - Preferred
 - GEP 8- Mathematical Foundation
 - Complete the following:
 - CGS2100C - Computer Fundamentals for Business (3)
 - Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - Earn at least 6 credits from the following course sets:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
 - Preferred: ECO 2013 - Principles of Macroeconomics (3) ECO 2023 - Principles of

- Microeconomics (3)
- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - Complete at least 1 courses from the following:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **39 - 42**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - Earn at least 6 credits from the following types of courses:
ACG 2021 - Principles of Financial Accounting (3) ACG 2071 - Principles of Managerial Accounting (3) ECO 2013 - Principles of Macroeconomics (3) ECO 2023 - Principles of Microeconomics (3) CGS 2100C - Computer Fundamentals for Business (3)
 - Complete 1 of the following
 - Complete the following:
 - QMB3003 - Quantitative Business Tools I (3)
 - Complete the following:
 - MAC2233 - Concepts of Calculus (3)
 - STA2023H - Honors Statistical Methods I (3)
 - Complete the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - Students who have not completed MAC 2233 and STA 2023, MAC 2311 and STA 2023, or MAC 2311 and MAC 2312 with a "C" or better must take QMB 3003.

Grand Total Credits: **9 - 14**

Degree Requirements

Core Requirements: Advanced Level
42 Total Credits

- Complete all of the following
 - Primary Core
 - Complete the following:
 - ACG3173 - Accounting for Decision-Makers (3)
 - QMB3200 - Quantitative Business Tools II (3)
 - FIN3403 - Business Finance (3)
 - MAN3025 - Management of Organizations (3)
 - MAR3023 - Marketing (3)

- Secondary Core
- Complete the following:
 - GEB3006 - Introduction to Career Development and Financial Plannings (3)
 - GEB3005 - Career Search Strategy (1)
 - BUL3130 - Legal and Ethical Environment of Business (3)
 - MAR3203 - Supply Chain and Operations Management (3)
 - GEB4223 - Business Interviewing Techniques (1)
 - GEB4004 - Executing Your Career Plan (1)
 - QMB3602 - Business Research for Decision Making (3)
- Required Courses for Major
- Complete the following:
 - FIN3414 - Intermediate Corporate Finance (3)
 - FIN4243 - Debt and Money Markets (3)
 - FIN4504 - Equity and Capital Markets (3)
 - FIN4424 - Advanced Topics in Financial Management (3)

Restricted Electives

15 Total Credits

- Complete all of the following
 - Complete at least 2 of the following:
 - FIN3461 - Financial Statement Analysis (3)
 - FIN4324 - Commercial Bank Management (3)
 - FIN4453 - Financial Models (3)
 - FIN4514 - Portfolio Analysis and Management (3)
 - FIN4533 - Financial Derivatives (3)
 - FIN4604 - International Financial Management (3)
 - Finance Restricted Electives
 - Earn at least 6 credits from the following types of courses:
 Select two from the courses below or an additional two courses from the Finance Electives above:
 ACG 3141 - Intermediate Financial Accounting II Credit Hours: 3 - (Must be an accounting major or accounting minor to register for this course) ECO 4412 - Econometrics I Credit Hours: 3 ECO 4422 - Econometrics II Credit Hours: 3 ECO 3101 - Intermediate Microeconomics Credit Hours: 3 ECO 3203 - Intermediate Macroeconomics Credit Hours: 3 FIN 4906 - Directed Independent Study Credit Hours: 3 FIN 4941 - Finance Internship Credit Hours: 3 (Internship course requires an overall GPA of 2.75 and a 3.0 GPA in the major.) FIN 4903H - Honors Directed Reading I Credit Hours: 3: Must be in the UCF Honors in the Major Program FIN 4970H - Undergraduate Honors Thesis Credit Hours: 3: Must be in the UCF Honors in the Major Program GEB 4374 - International Negotiations and Transactions Credit Hours: 3 MAR 3391 - Professional Selling Credit Hours: 3 REE 4203 - Commercial Real Estate Finance Credit Hours: 3 REE 4303 - Real Estate Investment Analysis Credit Hours: 3
 - Business Electives
 - Earn at least 3 credits from the following types of courses:
 Choose any upper level business course.

Capstone Requirement

3 Total Credits

- Complete all of the following
 - Complete the following:
 - MAN4720 - Strategic Management (3)
 - Admitted to a Business major, senior standing, and completion of MAN 3025, MAR 3023, FIN 3403, QMB 3200, and ACG 3173 or ACG 3131 are required to register for MAN 4720.

Grand Total Credits: **60**

Program Details

Electives

-
- Variable

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- A minimum major GPA of 2.75 and a minimum College of Business GPA of 2.0.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Honors In Major

- Eligibility: Requirements for admission to the Honors in the Major program are: completion of at least 60 credit hours, completion of at least 12 upper division hours, at least a 3.5 GPA in the major, at least a 3.2 upper-division GPA, and at least two semesters remaining prior to graduation.
- Admission: Application for admission to the Honors in the Major program must be approved by both the Chair of the Finance Department and Associate Dean of the Honors College plus the payment of \$25.00 one-time membership dues.
- Requirements: Students accepted into the Honors in the Major program must complete two honors courses (total of 6 credit hours) as follows:

Honors in Major Credit Requirements (6 Credit Hours)

Required Honors Reading Course (3 Credit Hours)

- FIN 4903H - Honors Directed Reading I **Credit Hours: 3**

Required Honors Thesis (3 Credit Hours)

- FIN 4970H - Undergraduate Honors Thesis **Credit Hours: 3**

Additional Information

Related Programs

- None

Certificates

- Finance: Banking Certificate
- Finance: Corporate Finance Certificate
- Finance: Investments Certificate
- FinTech Certificate

Related Minors

- FinTech Minor

Advising Notes

- Florida College System students are advised to complete the Associate of Arts degree, to include the general education requirements, the common program prerequisites for the SUS system, and college algebra.
- Orientation and advising are two of the most valuable tools that a student can make use of when transferring to UCF. Be sure that you take advantage of both.

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.
- Common Program Prerequisites for the State University System for College of Business Administration programs include Financial Accounting, Managerial Accounting, Macroeconomics, Microeconomics, Calculus, Statistics, and a relevant computer class. At UCF Business, students who have completed the calculus and statistics class will be waived from Quantitative Business Tools I. Students who have completed either the calculus or the statistics, but not both, must take Quantitative Business Tools I.
- Subject to the general grade and residence requirements, credit will be granted for transferred course work equivalent to that required in the UCF Business program. Only grades of "C" or higher transfer into the program and students must have a "C" or better in each common program prerequisites class.
- Any student receiving a business degree must complete a minimum of 30 of the 60 upper level business credit hours for their degree program in the UCF College of Business Administration. Additionally, 12 of the 30 credit hours completed at UCF must be from the department or school in which the student majors.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oemas.ucf.edu/alca/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$25 per term
- Full-Time Student: \$50 per term

Finance: Banking Certificate

College

College of Business Administration

Department

Department of Finance

Program Type

Certificate

Program Contact Information

**College of Business Administration
Department of Finance
Business Administration I (BS1), 409**

Program Description

Restricted to finance majors. These certificates do not require additional hours beyond the finance major program. They are intended to allow students to develop specializations in areas of interest. Certificates will be awarded only at the time of degree completion.

Certificate Admission Requirements

- None

Certificate Requirements

- No course grade lower than a C will be accepted for the certificate requirements, and the average GPA for the four courses must be 3.0 or higher.
- An internship must be a paid internship with a financial services firm, and must be approved by the Department of Finance Internship coordinator and a banking faculty member.

Prerequisite Courses

- None

Degree Requirements

Required Courses

12 Total Credits

- Complete all of the following
 - Complete the following:
 - FIN4324 - Commercial Bank Management (3)
 - ACG3131 - Intermediate Financial Accounting I (3)
 - ACG3141 - Intermediate Financial Accounting II (3)
 - Complete at least 1 of the following:
 - MAR3391 - Professional Selling (3)
 - FIN4941 - Finance Internship (3)

Grand Total Credits: **12**

Program Details

Restricted Electives

- None

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 15

Other Requirements

- None

Finance: Corporate Finance Certificate

College

College of Business Administration

Department

Department of Finance

Program Type

Certificate

Program Contact Information

**College of Business Administration
Finance Department
Business Administration I (BS1), 409**

Program Description

Restricted to finance majors. These certificates do not require additional hours beyond the finance major program. They are intended to allow students to develop specializations in areas of interest. Certificates will be awarded only at the time of degree completion.

Certificate Admission Requirements

- None

Certificate Requirements

- No course grade lower than a C will be accepted for the certificate requirements, and the average GPA for the four courses must be 3.0 or higher.
- An internship must be a paid internship with a financial services firm, and must be approved by the Finance Department Internship coordinator.

Prerequisite Courses

- None

Degree Requirements

Required Courses

12 Total Credits

- Complete the following:
 - ACG3131 - Intermediate Financial Accounting I (3)
 - FIN3414 - Intermediate Corporate Finance (3)
 - FIN4941 - Finance Internship (3)
 - ACG3141 - Intermediate Financial Accounting II (3)

Grand Total Credits: **12**

Program Details

Restricted Electives

- None

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 12

Other Requirements

- None

Finance: Investments Certificate

College

College of Business Administration

Department

Department of Finance

Program Type

Certificate

Program Contact Information

**College of Business Administration
Finance Department
Business Administration I (BS1), 409**

Program Description

Restricted to finance majors. These certificates do not require additional hours beyond the finance major program. They are intended to allow students to develop specializations in areas of interest. Certificates will be awarded at only at the time of degree completion.

Certificate Admission Requirements

- None

Certificate Requirements

- No course grade lower than a C will be accepted for the certificate requirements, and the average GPA for the four courses must be 3.0 or higher.
- An internship must be a paid internship with a financial services firm, and must be approved by the Finance Department Internship coordinator.

Prerequisite Courses

- None

Degree Requirements

Required Courses

12 Total Credits

- Complete the following:
 - FIN4504 - Equity and Capital Markets (3)
 - FIN4514 - Portfolio Analysis and Management (3)
 - FIN4533 - Financial Derivatives (3)
 - FIN4941 - Finance Internship (3)

Grand Total Credits: **12**

Program Details

Restricted Electives

- None

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 12

Other Requirements

- None

Finance Minor

College

College of Business Administration

Department

Department of Finance

Program Type

Minor

Program Contact Information

**College of Business Administration
Finance Department
Business Administration I (BS1), 409
407-823-3575**

Program Description

Students seeking advising must go to Business Administration II (BA2), 101.

Open to business and non-business students. Not available to finance majors.

Minor Admission Requirements

- College of Business Students: Must meet Admission

Standards for the Finance Major

- Non-Business Students: Meet Prerequisites Below

Minor Requirements

- None

Prerequisite Admission Courses

- Complete all of the following
 - (Non-Business Students)
 - Complete the following:
 - ECO2013 - Principles of Macroeconomics (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - Complete at least 1 of the following:
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - Earn a "B" or better : MAC 2311C, MAC 2312, STA 2023, STA 3032

Degree Requirements

Required Courses

12 Total Credits

- Complete the following:
 - FIN3403 - Business Finance (3)
 - FIN3414 - Intermediate Corporate Finance (3)
 - FIN4243 - Debt and Money Markets (3)
 - FIN4504 - Equity and Capital Markets (3)

Restricted Electives

6 Total Credits

- Complete at least 2 of the following:
 - FIN3461 - Financial Statement Analysis (3)
 - FIN4324 - Commercial Bank Management (3)
 - FIN4453 - Financial Models (3)
 - FIN4514 - Portfolio Analysis and Management (3)
 - FIN4533 - Financial Derivatives (3)
 - FIN4604 - International Financial Management (3)
 - FIN4424 - Advanced Topics in Financial Management (3)

Grand Total Credits: **18**

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

Other Requirements

- A minimum GPA of 2.75 is required in all courses used to satisfy the minor.
- Grades below "C" (2.0) or "S" grades from other institutions are not accepted.
- Courses taken at Florida College System institutions do not substitute for upper division courses.
- Courses transferred must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.
- At least twelve hours used in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Independent Study, or Directed Research credit cannot be used toward the minor.
- A maximum of 6 hours of the above listed required or elective courses can count toward another major or minor degree program.

Human Resources Certificate

College

College of Business Administration

Department

Department of Management

Program Type

Certificate

Program Description

This certificate program is open to business and non-business majors. For business majors pursuing a Management BSBA degree, selective use of restricted electives allows the certificate to be completed without any additional credit hours. For non-business majors, the certificate program provides an opportunity to develop expertise in human resources management and enhances the student's marketability and career preparation.

Degree Requirements

Required Courses

9 Total Credits

- Complete the following:
 - MAN3301 - Strategic Human Resource Management (3)
 - MAN4320 - Human Resources Recruitment and Selection (3)
 - MAN4330 - Compensation Administration (3)

Restricted Electives

3 Total Credits

- Earn at least 3 credits from the following:
 - MAN4329 - Business Analytics in Human Resource Management (3)
 - MAN4350 - Performance Management (3)
 - MAN4941 - Management Internship (3)
 - GEB4941 - Integrated Business Internship (1 - 99)
 - INP3004 - Industrial/Organizational Psychology (3)

Grand Total Credits: **12**

Program Details

Foreign Language Requirements

- None

Total Semester Hours Required: 12

Other Requirements

- A minimum GPA of 2.0 is required in all courses used to satisfy the certificate.
- Grades below "C" (2.0) or "S" grades from other institutions are not accepted.
- Courses taken at Florida College System institutions do not substitute for upper division courses.
- Courses transferred must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.
- At least nine hours used in this certificate must be earned at UCF.
- No Credit by Exam (TSD, Military credit) may be used.

Integrated Business (B.S.B.A.)

College

College of Business Administration

Program Type

Major

Program Contact Information

College of Business Administration
Department of Integrated Business
Business Administration I (BA1), 325
407-823-5627
ib@ucf.edu

Admission Requirements

- Completion of the UCF General Education program and Gordon Rule, or an AA degree from a Florida College System or State University System institution, and completion of each Common Program Prerequisite course with a "C" or better.
- Completion of the following courses at UCF or at an AACSB accredited institution: QMB 3200, MAR 3023, FIN 3403, MAN 3025, and ACG 3173, with a GPA of 2.0 or better. One course may be repeated one time in the next term of enrollment to meet these requirements.
- Completion of GEB 3006
- Completion of Common Program Prerequisites
- A student's academic catalog year guarantees their graduation requirements, but not their admission requirements. All pre-majors are held to the current admission standards. This applies to both native and transfer students.

Program Description

The Integrated Business (IB) degree is intended to develop a strong business "generalist" who has the ability and capacity to enter the workforce with a broad understanding of business and strong analytical, communication, and critical thinking skills. The program focuses on issues faced by small and medium size, privately held firms. Not eligible for a double degree or double major with another College of Business Administration major.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students wanting to major in Integrated Business must meet admission requirements for the major.
- A maximum of 6 credit hours of Core Requirements or Restricted Electives may count towards another degree program or minor.
- Any student receiving a business degree must complete a minimum of 30 of the 60 upper level business credit hours for their degree program in the UCF College of Business Administration. Additionally, 12 of the 30 credit hours completed at UCF must be from the department or school in which the student majors.
- Students in the Integrated Business major must maintain a 2.0 or higher cumulative Grade Point Average in all major courses taken at UCF and a 2.0 or higher cumulative GPA in all College of Business courses taken at UCF. Failure to maintain the required GPAs will result in the student being placed on Lack of Progress in the major and/or College. If a student on Lack of Progress fails to achieve the minimum required GPA in the subsequent term of enrollment, the student will be dismissed from the Integrated Business major and/or College of Business. A student who is dismissed may seek consideration for readmittance into the College or major by submitting a letter indicating the reasons for academic difficulties and positive plans for achieving the required GPA. Readmission is not automatic or guaranteed and as an exception to College policy is rarely granted.
- Students majoring in Integrated Business must earn a grade of "C" or better in each course applied towards the major. This includes all courses under Common Program Prerequisites (CPP), Required Courses, and Restricted Electives listed below. This does not include Primary Core, Secondary Core, or Capstone requirements listed below.

General Education (GEP)

Communication Foundations

6 Total Credits

- Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Preferred: SPC 1608 - Fundamentals of Oral Communication (3)

Cultural and Historical Foundations

9 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - Earn at least 3 credits from the following types of courses:
GEP 6- Historical & Cultural Foundation - choose a course from GEP 4 or GEP 5

Mathematical Foundations

6 Total Credits

- Complete all of the following
 - Earn at least 6 credits from the following course sets:
GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)

- COP2500C - Concepts in Computer Science (3)
- COP3502C - Computer Science I (3)
- COT3100C - Introduction to Discrete Structures (3)
- STA2014 - Principles of Statistics (3)
- STA2023 - Statistical Methods I (3)
- STA3032 - Probability and Statistics for Engineers (3)
- CGS1060C - Introduction to Computers (3)
- Required: CGS 2100C - Computer Fundamentals for Business (3) MAC 1105C - College Algebra (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - Complete at least 1 courses from the following:
GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
 - Required: ECO 2013 - Principles of Macroeconomics (3) ECO 2023 - Principles of Microeconomics (3)

Science Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
- GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **33**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - Earn at least 6 credits from the following types of courses:
ACG 2021 - Principles of Financial Accounting (3) ACG 2071 - Principles of Managerial Accounting (3) ECO 2013 - Principles of Macroeconomics (3) ECO 2023 - Principles of Microeconomics (3) CGS 2100C - Computer Fundamentals for Business (3)
 - Complete 1 of the following
 - Complete the following:
 - QMB3003 - Quantitative Business Tools I (3)
 - Complete the following:
 - MAC2233 - Concepts of Calculus (3)
 - STA2023 - Statistical Methods I (3)
 - Complete the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - Note: Students who have not completed MAC 2233 and STA 2023 with a "C" (2.0) or better must take QMB 3003 - Quantitative Business Tools I.

Grand Total Credits: **9 - 14**

Degree Requirements

Core Requirements: Advanced Level
57 Total Credits

- Complete all of the following
 - Primary Core
 - Complete the following:
 - ACG3173 - Accounting for Decision-Makers (3)
 - QMB3200 - Quantitative Business Tools II (3)
 - FIN3403 - Business Finance (3)
 - MAN3025 - Management of Organizations (3)
 - MAR3023 - Marketing (3)
 - Secondary Core
 - Complete the following:
 - GEB3006 - Introduction to Career Development and Financial Plannings (3)
 - GEB3005 - Career Search Strategy (1)
 - BUL3130 - Legal and Ethical Environment of Business (3)
 - MAR3203 - Supply Chain and Operations Management (3)
 - GEB4223 - Business Interviewing Techniques (1)
 - GEB4004 - Executing Your Career Plan (1)
 - QMB3602 - Business Research for Decision Making (3)
 - Required Courses
 - Complete the following:
 - GEB4522 - Data Driven Decision Making (3)
 - GEB4513 - Applied Business Technologies (3)
 - MAN3302 - Essentials of Human Resource Management for Integrated Business (3)
 - GEB3031 - Integrated Business Foundations (3)
 - MAR3407 - Integrated Marketing and Sales (3)
 - ENT4412 - Managing Small Business Finances (3)
 - MAN4583 - Project Management (3)
 - GEB4451 - Business Climate Analysis (3)
 - Restricted Electives
 - Earn at least 3 credits from the following:
 - GEB4941 - Integrated Business Internship (1 - 99)
 - ENT3613 - Creativity and Entrepreneurship (3)
 - GEB4104 - Small Business Development (3)

Capstone Requirement
3 Total Credits

- Complete all of the following
 - Complete the following:
 - MAN4720 - Strategic Management (3)
 - Admitted to a Business major, senior standing, and completion of MAN 3025, MAR 3023, FIN 3403, QMB 3200, ACG 3173, or ACG 3131 are required to register for MAN 4720.

Grand Total Credits: **60**

Program Details

Electives

Variable

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

None

Required Minors

None

Departmental Exit Requirements

A minimum major GPA and a minimum College of Business GPA of 2.0.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded 48 semester hours of upper division credit completed 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

None

Honors In Major

None

Related Programs

None

Certificates

Related Minors

None

Advising Notes

Florida College System students are advised to complete the Associate of Arts degree, to include the general education requirements, the common program prerequisites for the SUS system, and college algebra.

Orientation and advising are two of the most valuable tools that a student can make use of when transferring to UCF. Be sure that you take advantage of both.

Transfer Notes

Lower division courses do not substitute for upper division courses.

Courses transferred must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.

Common Program Prerequisites for the State University System for College of Business Administration programs include Financial Accounting, Managerial Accounting, Macroeconomics, Microeconomics, Calculus, Statistics, and a relevant computer class. At UCF Business, students who have completed the calculus and statistics class will be waived from Quantitative Business Tools I. Students who have completed either the calculus or the statistics, but not both, must take Quantitative Business Tools I.

Subject to the general grade and residence requirements, credit will be granted for transferred course work equivalent to that required in the UCF Business program. Only grades of "C" (2.0) or higher transfer into the program and students must have a "C"(2.0) or better in each common program prerequisite class.

Any student receiving a business degree must complete a minimum of 30 of the 60 upper level business credit hours for their degree program in the UCF College of Business Administration. Additionally, 12 of the 30 credit hours completed at UCF must be from the department or school in which the student majors.

Acceptable Substitutes for Transfer Courses

None

Program Academic Learning Compacts

Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alac/academic_learning_compacts.htm

Equipment Fees

Part-Time Student: \$15 per term

Full-Time Student: \$30 per term

International Business Certificate

College

College of Business Administration

Program Type

Certificate

Program Contact Information

**College of Business Administration
Office of Professional Development
CBA Study Abroad
Business Administration II (BA2), 101
407-823-2185
cbastudyabroad@ucf.edu**

Associate Director, First Year Success and High Impact Programs: Joshua Tschiggfrie
Joshua.Tschiggfrie@ucf.edu

Program Description

Open to business and non-business students.

Admission Requirements

- None

Certificate Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Required Courses

9 Total Credits

- Complete all of the following
 - Complete the following:
 - GEB3375 - Introduction to International Business (3)
 - Select 6 to 9 hours of Study Abroad:
 - Earn at least 3 credits from the following types of courses:
GEB 3955 - Study Abroad
 - Earn at least 3 credits from the following types of courses:
GEB 4955 - Study Abroad

Restricted Electives

3 Total Credits

- Complete all of the following
 - Select one of the courses below only if less than 9 hours of Study Abroad completed
 - Another restricted elective may be approved at the discretion of the Associate Director of Study Abroad in the College of Business Administration
 - Complete at least 1 of the following:
 - GEB4374 - International Negotiations and Transactions (3)
 - MAN4600 - International Management (3)
 - MAN4441 - Conflict Resolution and Negotiation (3)
 - MAR4156 - International Marketing (3)
 - GEO3471 - World Political Geography (3)
 - LAS3002 - Topics in Latin American Studies (3)
 - JST3821 - Israel: Start-Up Nation (3)
 - GEA4405 - Geography of Latin America (3)

Grand Total Credits: **12**

Program Details

Foreign Language Requirements

- None

Total Semester Hours Required:

12

Other Requirements

- A minimum GPA of 2.0 is required in all courses used to satisfy the certificate.
- Lower division courses taken at Florida College System institutions do not substitute for upper division courses.
- Courses taken as part of a UCF College of Business exchange program, will be reviewed for appropriateness by the College of Business Study Abroad Director. Additional information may be required by the Study Abroad Director to determine the appropriateness of the course taken.
- Courses transferred into the College of Business from a foreign institution, that are not part of a College of Business exchange program, must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.
- At least nine hours used in the minor must be coursework registered through UCF College of Business Study Abroad.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Independent Study, or Directed Research credit cannot be used toward the minor.

International Business Minor

College

College of Business Administration

Program Type

Minor

Program Contact Information

College of Business Administration
Office of Professional Development
CBA Study Abroad
Business Administration II (BA2), 101
407-823-2185
cbastudyabroad@ucf.edu

Associate Director, First Year Success and High Impact Programs: Joshua Tschiggfrie
Joshua.Tschiggfrie@ucf.edu

Program Description

Open to business and non-business students.

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Required Courses

15 Total Credits

- Complete all of the following
 - Complete the following:
 - GEB3375 - Introduction to International Business (3)
 - Select 12 to 15 hours of Study Abroad
 - Earn at least 12 credits from the following types of courses:
 - GEB 3955 - Study Abroad or GEB 4955 - Study Abroad

Restricted Electives

3 Total Credits

- Complete all of the following
 - Another restricted elective may be approved at the discretion of the Associate Director of Study Abroad in the College of Business Administration
 - Select one of the courses below only if less than 15 hours of Study Abroad completed:
 - Complete at least 1 of the following:
 - GEB4374 - International Negotiations and Transactions (3)
 - MAN4600 - International Management (3)
 - MAN4441 - Conflict Resolution and Negotiation (3)
 - MAR4156 - International Marketing (3)
 - GEO3471 - World Political Geography (3)
 - LAS3002 - Topics in Latin American Studies (3)
 - JST3821 - Israel: Start-Up Nation (3)
 - GEA4405 - Geography of Latin America (3)

Grand Total Credits: **18**

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

Other Requirements

- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Lower division courses taken at Florida College System institutions do not substitute for upper division courses.
- Courses taken as part of a UCF College of Business exchange program, will be reviewed for appropriateness by the College of Business Study Abroad Director. Additional information may be required by the Study Abroad Director to determine the appropriateness of the course taken.
- Courses transferred into the College of Business from a foreign institution, that are not part of a College of Business exchange program, must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.
- At least nine hours used in the minor must be coursework registered through UCF College of Business Study Abroad.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Independent Study, or Directed Research credit cannot be used toward the minor.
- A maximum of six hours of the above listed required or elective courses can count toward another major or minor degree program.

Management (B.S.B.A.)

College

College of Business Administration

Department

Department of Management

Program Type

Major

Program Contact Information

College of Business Administration
Management Department
Business Administration I (BA1), 309
407-823-5569

Admission Requirements

- Completion of the UCF General Education program and Gordon Rule, or an AA degree from a Florida College System or State University System institution, and completion of each Common Program Prerequisite course with a "C" or better.
- Completion of the following courses at UCF or at an AACSB accredited institution: QMB 3200, MAR 3023, FIN 3403, MAN 3025, and ACG 3173, with a GPA of at least 3.0, a grade of at least "B" in MAN 3025, and no grade below a "C". One course may be repeated one time in the next term of enrollment to meet these requirements.
- Completion of GEB 3006
- Completion of Common Program Prerequisites
- A student's academic catalog year guarantees their graduation requirements, but not their admission requirements. All pre-majors are held to the current admission standards. This applies to both native and transfer students.

Program Description

The management major combines theory and application, with a focus on problem solving, group projects, and case analysis. The curriculum prepares students for leadership roles in a variety of organizations, including: large and small, public and private, for profit and non-for-profit. The program can also accommodate students who wish to embark on their own entrepreneurial ventures. Students majoring in management should possess strong quantitative skills, enjoy problem solving, and embrace working with people. Not eligible for a double degree with another College of Business Administration major.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students wanting to major in Management must meet admission requirements for the major.
- Any student receiving a business degree must complete a minimum of 30 of the 60 upper level business credit hours for their degree program in the UCF College of Business Administration. Additionally, 12 of the 30 credit hours completed at UCF must be from the department or school in which the student majors.
- For students seeking a double major within the College of Business, a maximum of 6 hours of Required Courses for the Major or Restricted Electives may count towards another business major.
- A maximum of 6 hours of Core Requirements or Restricted Electives may count towards another degree program or minor.
- Students in the Management major must maintain a 2.75 or higher cumulative Grade Point Average in all 3000 level or higher Management (MAN) and Entrepreneurship (ENT) courses taken at UCF. Students must also maintain a 2.0 or higher cumulative GPA in all College of Business courses taken at UCF. Failure to maintain the required GPAs will result in the student being placed on Lack of Progress in the major and/or College. If a student on Lack of Progress fails to achieve the minimum required GPA in the subsequent term of enrollment, the student will be dismissed from the Management major and/or College of Business. A student who is dismissed may seek consideration for readmittance into the College or major by submitting a letter indicating the reasons for academic difficulties and positive plans for achieving the required GPA. Readmission is not automatic or guaranteed and as an exception to College policy is rarely granted.
- Students must earn a "B" or higher in MAN 3025. In addition, only grades of "C" or higher transfer into the program and students must earn a minimum of "C" or higher in all business courses. This includes all courses under requirements Common Program Prerequisites (CPP), Core Requirements: Basic Level, Core Requirements: Advanced Level (Primary Core and Secondary Core), Required Courses for Major, Restricted Electives and Capstone Requirements below.

General Education (GEP)

- Complete all of the following
 - Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - SPC 1608 - Preferred
 - Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)

- Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - Earn at least 3 credits from the following types of courses:
 - GEP 6- Historical & Cultural Foundation - choose a course from GEP 4 or GEP 5.
 - Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - Complete at least 1 courses from the following:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)
 - Required- MAC1105C - College Algebra (3) CGS2100C - Computer Fundamentals for Business (3)
 - Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
 - Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)

- PHY2053 - College Physics I (3)
- PSC1121 - Physical Science (3)
- Complete at least 1 courses from the following:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - Earn at least 6 credits from the following types of courses:
ACG 2021 - Principles of Financial Accounting (3) ACG 2071 - Principles of Managerial Accounting (3) ECO 2013 - Principles of Macroeconomics (3) ECO 2023 - Principles of Microeconomics (3) CGS 2100C - Computer Fundamentals for Business (3)
 - Complete 1 of the following
 - Complete the following:
 - QMB3003 - Quantitative Business Tools I (3)
 - Complete the following:
 - MAC2233 - Concepts of Calculus (3)
 - STA2023 - Statistical Methods I (3)
 - Complete the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - Students who have not completed MAC 2233 and STA 2023, MAC 2311 and STA 2023, or MAC 2311 and MAC 2312 with a "C" or better must take QMB 3003.

Grand Total Credits: **9 - 14**

Degree Requirements

Core Requirements: Advanced Level
30 Total Credits

- Complete all of the following
 - Primary Core
 - Complete the following:
 - ACG3173 - Accounting for Decision-Makers (3)
 - QMB3200 - Quantitative Business Tools II (3)
 - FIN3403 - Business Finance (3)
 - MAN3025 - Management of Organizations (3)
 - MAR3023 - Marketing (3)
 - Secondary Core
 - Complete the following:
 - GEB3006 - Introduction to Career Development and Financial Plannings (3)
 - GEB3005 - Career Search Strategy (1)
 - BUL3130 - Legal and Ethical Environment of Business (3)
 - MAR3203 - Supply Chain and Operations Management (3)
 - GEB4223 - Business Interviewing Techniques (1)
 - GEB4004 - Executing Your Career Plan (1)
 - QMB3602 - Business Research for Decision Making (3)

Required Courses for Major
18 Total Credits

- Complete the following:
 - MAN4143 - Leadership Development (3)
 - MAN4240 - Organizations: Theory and Behavior (3)
 - MAN4441 - Conflict Resolution and Negotiation (3)
 - ENT3613 - Creativity and Entrepreneurship (3)
 - MAN3301 - Strategic Human Resource Management (3)
 - MAN4583 - Project Management (3)

Restricted Electives

9 Total Credits

- Earn at least 9 credits from the following types of courses:
 Select either Entrepreneurship Certificate or Human Resources Certificate for a total of 9 credit hours, or 9 credit hours of any ENT/MAN prefix course. Please note, will not earn Human Resources or Entrepreneurship Certificate. Entrepreneurship Certificate (9 Credit Hours) Complete the following: ENT 4013 - New Venture Design Credit Hours: 3 ENT 4014 - New Venture Implementation Credit Hours: 3 Select one of the following sequences of courses: ENT 4183 - Technological Entrepreneurship Credit Hours: 3 ENT 4503 - Social Entrepreneurship Credit Hours: 3 ENT 4942 - Entrepreneurial Internship Credit Hours: 3 Human Resources Certificate (9 Credit Hours) Complete the following: MAN 4320 - Human Resources Recruitment and Selection Credit Hours: 3 MAN 4330 - Compensation Administration Credit Hours: 3 Select one of the following sequences of courses: MAN 4350 - Performance Management Credit Hours: 3 MAN 4329 - Business Analytics in Human Resource Management Credit Hours: 3 MAN 4701 - Business Ethics and Society Credit Hours: 3 MAN 4600 - International Management Credit Hours: 3 MAN 4941 - Management Internship Credit Hours: 3 Select Three: (9 Credit Hours) Minimum of 3 courses required: GEB 4435 - Moral Foundations of Business Credit Hours: 3 MAN 4209 - Designing Dynamic Organizations Credit Hours: 3 MAN 3301 - Strategic Human Resource Management Credit Hours: 3 MAN 4320 - Human Resources Recruitment and Selection Credit Hours: 3 MAN 4329 - Business Analytics in Human Resource Management Credit Hours: 3 Any MAN or ENT course Credit Hours: 3

Capstone Requirement

3 Total Credits

- Complete all of the following
 - Complete the following:
 - MAN4720 - Strategic Management (3)
 - Admitted to a Business major, senior standing, and completion of MAN 3025, MAR 3023, FIN 3403, QMB 3200, and ACG 3173 or ACG 3131 are required to register for MAN 4720.

Grand Total Credits: **60**

Program Details

-

Capstone Requirements (3 Credit Hours)

Electives

- Variable

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- A minimum major GPA of 2.75 and a minimum College of Business GPA of 2.0.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Honors In Major

- Eligibility: Requirements for admission to the Honors in the Major program are: completion of at least 60 credit hours, completion of at least 12 upper division hours, at least a 3.5 GPA in the major, at least a 3.2 upper-division GPA, and at least two semesters remaining prior to graduation.
- Admission: Application for admission to the Honors in the Major program must be approved by both the Chair of the Management Department and Associate Dean of the Honors College plus the payment of \$25.00 one-time membership dues.
- Requirements: Students accepted into the Honors in the Major program must complete two honors courses (total of 6 credit hours) as follows:

Honors in Major Credit Requirements (6 Credit Hours)

Required Honors Reading Course (3 Credit Hours)

- MAN 4903H - Honors Directed Reading I **Credit Hours: 3**
- or
- MAN 4904H - Honors Directed Reading II **Credit Hours: 3**

Required Honors Thesis (3 Credit Hours)

- MAN 4970H - Undergraduate Honors Thesis **Credit Hours: 3**

Additional Information

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- Florida College System students are advised to complete the Associate of Arts degree, to include the general education requirements, the common program prerequisites for the SUS system, and college algebra.
- Orientation and advising are two of the most valuable tools that a student can make use of when transferring to UCF. Be sure that you take advantage of both.

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.
- Common Program Prerequisites for the State University System for College of Business Administration programs include Financial Accounting, Managerial Accounting, Macroeconomics, Microeconomics, Calculus, Statistics, and a relevant computer class. At UCF, Business students who have completed the calculus and statistics class will be waived from Quantitative Business Tools I. Students who have completed either the calculus or the statistics, but not both, must take Quantitative Business Tools I.
- Subject to the general grade and residence requirements, credit will be granted for transferred course work equivalent to that required in the UCF Business program. Only grades of "C" or higher transfer into the program and students must have a "C" or better in each common program prerequisites class.
- Any student receiving a business degree must complete a minimum of 30 of the 60 upper level business credit hours for their degree program in the UCF College of Business Administration. Additionally, 12 of the 30 credit hours completed at UCF must be from the department or school in which the student majors.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oemas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$15 per term
- Full-Time Student: \$30 per term

Marketing (B.S.B.A.)

College

College of Business Administration

Department

Department of Marketing

Program Type

Major

Program Contact Information

College of Business Administration
Department of Marketing
Business Administration II (BA2), 307S
407-882-0110

Admission Requirements

- Completion of the UCF General Education program and Gordon Rule, or an AA degree from a Florida College System or State University System institution, and completion of each Common Program Prerequisite course with a "C" or better.
- Completion of the following courses at UCF or at an AACSB accredited institution: QMB 3200, MAR 3023, FIN 3403, MAN 3025, and ACG 3173, with a GPA of at least 3.0, a grade of at least "B" in MAR 3023, and no grade below a "C". One course may be repeated one time in the next term of enrollment to meet these requirements.
- Completion of GEB 3006.
- Completion of Common Program Prerequisites
- A student's academic catalog year guarantees their graduation requirements, but not their admission requirements. All pre-majors are held to the current admission standards. This applies to both native and transfer students.

Program Description

Students interested in majoring in marketing have two options: the marketing management track or the professional selling track. The marketing management track provides students with the knowledge and skills necessary to excel in entry-level positions in marketing management, product/brand management, or positions in retail, sales, market research, or promotion. The professional selling track prepares students for positions in B-B selling, with the potential to advance into either sales management or marketing management. Not eligible for a double degree with another College of Business Administration major.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students wanting to major in Marketing must meet admission requirements for the major.
- Any student receiving a business degree must complete a minimum of 30 of the 60 upper level business credit hours for their degree program in the UCF College of Business Administration. Additionally, 12 of the 30 credit hours completed at UCF must be from the department or school in which the student majors.
- For students seeking a double major within the College of Business, a maximum of 6 hours of Required Courses for the Major or Restricted Electives may count towards another business major.
- A maximum of 6 hours of Core Requirements or Restricted Electives may count towards another degree program or minor.
- Students in the Marketing major must maintain a 2.75 or higher cumulative Grade Point Average in all 3000 level or higher Marketing courses and a 2.0 or higher cumulative GPA in all College of Business courses taken at UCF. Failure to maintain the required GPAs will result in the student being placed on Lack of Progress in the major and/or College. If a student on Lack of Progress fails to achieve the minimum required GPA in the subsequent term, the student will be dropped as a Marketing major and/or College of Business student. A student who is dropped may seek re-admittance into the College or major by submitting a letter indicating the reasons for academic difficulties and positive plans for achieving the required GPA. Readmission is not automatic or guaranteed and as an exception to College policy is rarely granted.
- Students must earn a "B" or higher in MAR 3023. In addition, only grades of "C" or higher transfer into the program and students must earn a minimum of "C" or higher in all business courses. This includes all courses under requirements Common Program Prerequisites (CPP), Core Requirements: Advanced Level (Primary Core, Secondary Core and Required Courses for Major), Restricted Electives and Capstone Requirements below.

General Education (GEP)

- Complete all of the following
 - Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - SPC 1608 - Preferred
 - Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)

- ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Earn at least 3 credits from the following types of courses:
GEP 6- Historical & Cultural Foundation - choose a course from GEP 4 or GEP 5
- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - Complete at least 1 courses from the following:
GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)
 - CGS2100C - Computer Fundamentals for Business (3)- Preferred
- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - Complete at least 2 courses from the following:
GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - Complete at least 1 courses from the following:
GEP 12- Science Foundation

- ANT2511 - The Human Species (3)
- BSC1005 - Biological Principles (3)
- BSC2010C - Biology I (4)
- EVR1001 - Introduction to Environmental Science (3)
- GEO1200 - Physical Geography (3)
- GEO2370 - Resources Geography (3)
- GLY1030 - Geology and its Applications (3)
- GLY2038 - Environmental Geoscience (3)
- MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
- MET2104 - The Earth's Climate (3)

Grand Total Credits: **39 - 42**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - Earn at least 6 credits from the following types of courses:
ACG 2021 - Principles of Financial Accounting (3) ACG 2071 - Principles of Managerial Accounting (3) ECO 2013 - Principles of Macroeconomics (3) ECO 2023 - Principles of Microeconomics (3) CGS 2100C - Computer Fundamentals for Business (3)
 - With a C or better.
 - Complete 1 of the following
 - Complete the following:
 - QMB3003 - Quantitative Business Tools I (3)
 - Complete the following:
 - MAC2233 - Concepts of Calculus (3)
 - STA2023 - Statistical Methods I (3)
 - Complete the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - Note: Students who have not completed both MAC 2233 and STA 2023, MAC 2311 and STA 2023, or MAC 2311 and MAC 2312 with a "C" or better must take QMB 3003 - Quantitative Business Tools I

Grand Total Credits: **9 - 14**

Degree Requirements

Core Requirements: Advanced Level
84 Total Credits

- Complete all of the following
 - Primary Core
 - Complete the following:
 - ACG3173 - Accounting for Decision-Makers (3)
 - QMB3200 - Quantitative Business Tools II (3)
 - FIN3403 - Business Finance (3)
 - MAN3025 - Management of Organizations (3)
 - MAR3023 - Marketing (3)
 - Secondary Core
 - Complete the following:
 - GEB3006 - Introduction to Career Development and Financial Plannings (3)
 - GEB3005 - Career Search Strategy (1)
 - BUL3130 - Legal and Ethical Environment of Business (3)
 - MAR3203 - Supply Chain and Operations Management (3)
 - GEB4223 - Business Interviewing Techniques (1)
 - GEB4004 - Executing Your Career Plan (1)
 - QMB3602 - Business Research for Decision Making (3)
 - Required Courses for Major
 - Complete all of the following
 - Marketing Management Track: Required
 - Complete the following:
 - MAR3391 - Professional Selling (3)
 - MAR3503 - Consumer Behavior (3)
 - MAR3613 - Marketing Research (3)
 - MAR3615 - Marketing Analysis (3)
 - MAR3721 - Digital Media Marketing (3)
 - MAR4804 - Marketing Strategy (3)
 - MAR4418 - Strategic Sales Force Management (3)
 - MAR4832 - Product Management (3)
 - Marketing Management Track: Electives
 - Complete at least 1 of the following:
 - MAR4841 - Services Marketing (3)
 - MAR4941 - Marketing Internship (3)
 - Professional Selling Track: Required
 - Complete all of the following
 - Admission by department approval: Applicants restricted to declared marketing majors or other business majors who meet all GPA requirements for admission to the marketing major. Requires submission of application by May 1. Department faculty committee will select professional selling track participants based on academic achievement, work experience, outside activities and leadership positions, and responses to questions on the application form and in interviews. Must have earned a grade of "B-" or higher in the following course to apply: MAR 3391 - Professional Selling Credit Hours: 3
 - Complete the following:
 - MAR3391 - Professional Selling (3)
 - MAR3503 - Consumer Behavior (3)
 - MAR3613 - Marketing Research (3)
 - MAR3615 - Marketing Analysis (3)
 - MAR3721 - Digital Media Marketing (3)
 - MAR4804 - Marketing Strategy (3)
 - MAR4413C - Strategic Issues in Sales (3)
 - MAR4415C - Advanced Professional Selling (3)
 - MAR4418 - Strategic Sales Force Management (3)

Grand Total Credits: **84**

Program Details

Restricted Electives

- None

Capstone Requirements (3 Credit Hours)

Admitted to a Business major, senior standing, and completion of MAN 3025, MAR 3023, FIN 3403, QMB 3200, and ACG 3173 or ACG 3131 are required to register for MAN 4720.

- MAN 4720 - Strategic Management **Credit Hours: 3**

Electives

- Variable

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- A minimum major GPA of 2.75 and a minimum College of Business GPA of 2.0.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Honors In Major

- Eligibility: Requirements for admission to the Honors in the Major program are: completion of at least 60 credit hours, completion of at least 12 upper division hours, at least a 3.5 GPA in the major, at least a 3.2 upper-division GPA, and at least two semesters remaining prior to graduation.
- Admission: Application for admission to the Honors in the Major program must be approved by both the Chair of the Marketing Department and Associate Dean of the Honors College plus the payment of \$25.00 one-time membership dues.
- Requirements: Students accepted into the Honors in the Major program must complete two honors courses (total of 6 credit hours) as follows:

Honors In Major Credit Requirements

Required Honors Reading Course

- MAR 4903H - Honors Directed Reading I **Credit Hours: 3**

Required Honors Thesis

- MAR 4970H - Undergraduate Honors Thesis **Credit Hours: 3**

Additional Information

Related Programs

- None

Certificates

- None

Related Minors

- Marketing Minor
- Professional Selling Minor

Advising Notes

- Florida College System students are advised to complete the Associate of Arts degree, to include the general education requirements, the common program prerequisites for the SUS system, and college algebra.
- Orientation and advising are two of the most valuable tools that a student can make use of when transferring to UCF. Be sure that you take advantage of both.

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.
- Common Program Prerequisites for the State University System for College of Business Administration programs include Financial Accounting, Managerial Accounting, Macroeconomics, Microeconomics, Calculus, Statistics, and a relevant computer class. At UCF Business, students who have completed the calculus and statistics class will be waived from Quantitative Business Tools I. Students who have completed either the calculus or the statistics, but not both, can take Quantitative Business Tools I.
- Subject to the general grade and residence requirements, credit will be granted for transferred course work equivalent to that required in the UCF Business program. Only grades of "C" or higher transfer into the program and students must have a "C" or better in each common program prerequisites class, and all prerequisites to marketing courses.
- Any student receiving a business degree must complete a minimum of 30 of the 60 upper level business credit hours for their degree program in the UCF College of Business Administration. Additionally, 12 of the 30 credit hours completed at UCF must be from the department or school in which the student majors.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$15 per term
- Full-Time Student: \$30 per term

Marketing Minor

College

College of Business Administration

Department

Department of Marketing

Program Type

Minor

Program Contact Information

College of Business Administration
Department of Marketing
Business Administration II (BA2), 307S
407-882-0110

Program Description

UCF Majors other than Marketing

Minor Admission Requirements

- Open to all UCF Majors other than Marketing.
- Completion of MAR 3023 with a "B" (3.0) or better.
- UCF overall GPA of 2.75 or better required at time of admission to the Marketing minor.

Minor Requirements

- After admission to the Marketing minor, a grade of "C" (2.0) or better is required in all marketing courses taken to satisfy the minor.
- At least nine hours used to satisfy the requirements of the Marketing minor must be earned at UCF within the Department of Marketing.

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Degree Requirements

Required Courses

15 Total Credits

- Complete the following:
 - MAR3023 - Marketing (3)
 - MAR3323 - Integrated Marketing Communication (3)
 - MAR3391 - Professional Selling (3)
 - MAR3611 - Marketing Analysis and Research Methods (3)
 - MAR4803 - Marketing Management (3)

Restricted Electives

3 Total Credits

- Complete at least 1 of the following:
 - MAR3641 - Marketing Intelligence (3)
 - MAR3765 - Entrepreneurial Marketing (3)
 - MAR4156 - International Marketing (3)
 - MAR4231 - Retailing Management (3)
 - MAR4711 - Sport Marketing (3)
 - MAR4712 - Healthcare Marketing (3)
 - MAR4715 - Entertainment Marketing (3)
 - MAR4934 - Contemporary Marketing Topics in Florida (3)
 - MAR4941 - Marketing Internship (3)

Grand Total Credits: 18

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

Other Requirements

- Grades below "C" (2.0) or "S" grades from other institutions are not accepted.
- Courses taken at Florida College System institutions do not substitute for upper division courses.
- Courses transferred must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.
- No credit by exam (TSD, Military credit) may be used. Independent Study credit cannot be used toward the minor.
- A maximum of 3 credit hours of the listed required or elective courses for the marketing minor can be counted towards the degree requirements of another major or minor degree program. MAR 3407 does not substitute for MAR 3391 in the marketing minor.

Professional Selling Minor

College

College of Business Administration

Department

Department of Marketing

Program Type

Minor

Program Contact Information

College of Business Administration
Department of Marketing
Business Administration II (BA2), 307S
407-882-0110

Program Description

Admission Requirements

- Open to all UCF Majors other than Marketing
- Application to and approval by the Department of Marketing required. Limited enrollment.
- Completion of MAR 3023 with a "B" (3.0) or better prior to application to the minor.
- Completion of MAR 3391 with a "B-" (2.75) or better prior to application to the minor. Integrated Business Majors in the College of Business Administration may substitute MAR 3407 with a "B-" (2.75) or better for MAR 3391.
- UCF overall GPA of 2.75 or better required at time of application/admission to the minor.

Minor Requirements

- After admission to the Professional Selling minor, a grade of "C" (2.0) or better is required in all marketing courses taken to satisfy the minor.
- Four courses required for the Professional Selling minor (MAR 3391, MAR 4418, MAR 4415C, MAR 4413C) must be earned at UCF within the Department of Marketing.

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Degree Requirements

Required Courses

18 Total Credits

- Complete all of the following
 - Complete the following:
 - MAR3023 - Marketing (3)
 - MAR3611 - Marketing Analysis and Research Methods (3)
 - MAR4413C - Strategic Issues in Sales (3)
 - MAR4415C - Advanced Professional Selling (3)
 - MAR4418 - Strategic Sales Force Management (3)
 - Complete at least 1 of the following:
 - MAR3391 - Professional Selling (3)
 - MAR3407 - Integrated Marketing and Sales (3)

Grand Total Credits: **18**

Program Details

Restricted Electives

- None

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

Other Requirements

- Grades below "C" (2.0) or "S" grades from other institutions are not accepted.
- Courses taken at Florida College System institutions do not substitute for upper division courses.
- Courses transferred must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.
- No credit by exam (TSD, Military credit) may be used. Independent Study or Directed Research credit cannot be used toward the Professional Selling minor.
- A maximum of 3 credit hours of the listed required courses for the Professional Selling minor can be counted towards the degree requirements of another major or minor degree program. MAR 3407 does substitute for MAR 3391 in the Professional Selling minor in the case of Integrated Business Majors who complete the minor.

Real Estate (B.S.B.A.)

College

College of Business Administration

Department

Dr P Phillips School of Real Estate

Program Type

Major

Program Contact Information

College of Business Administration
Dr. P. Phillips School of Real Estate
Business Administration I (BA1), 427
407-823-3575

Admission Requirements

- Completion of the UCF General Education program and Gordon Rule, or an AA degree from a Florida College System or State University System institution, and completion of each Common Program Prerequisite course with a "C" or better.
- Completion of the following courses at UCF or at an AACSB accredited institution: QMB 3200, MAR 3023, FIN 3403, MAN 3025, and ACG 3173, with a GPA of "C" or better. One course may be repeated one time in the next term of enrollment to meet these requirements.
- Completion of GEB 3006
- Completion of Common Program Prerequisites
- A student's academic catalog year guarantees their graduation requirements, but not their admission requirements. All pre-majors are held to the current admission standards. This applies to both native and transfer students.

Program Description

The study of real estate prepares students for careers in commercial & residential real estate development and sales. Not eligible for a double degree with another College of Business Administration major.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students wanting to major in real estate must meet admission requirements for the major.
- Any student receiving a business degree must complete a minimum of 30 of the 60 upper level business credit hours for their degree program in the UCF College of Business Administration. Additionally, 12 of the 30 credit hours completed at UCF must be from the department or school in which the student majors.
- For students seeking a double major within the College of Business, a maximum of 6 hours of Required Courses for the Major or Restricted Electives may count towards another business major.
- A maximum of 6 hours of Core Requirements or Restricted Electives may count towards another degree program or minor.
- Students in the Real Estate major must maintain a 2.0 or higher cumulative Grade Point Average in all major courses taken at UCF and a 2.0 or higher cumulative GPA in all College of Business courses taken at UCF. Failure to maintain the required GPAs will result in the student being placed on Lack of Progress in the major and/or College. If a student on Lack of Progress fails to achieve the minimum required GPA in the subsequent term of enrollment, the student will be dismissed from the Real Estate major and/or College of Business. A student who is dismissed may seek consideration for re-admittance into the College or major by submitting a letter indicating the reasons for academic difficulties and positive plans for achieving the required GPA. Readmission is not automatic or guaranteed and as an exception to College policy is rarely granted.
- Students majoring in Real Estate must earn a grade of "C" or better in FIN 3403 and each course applied towards the major. This includes all courses under Common Program Prerequisites (CPP), Required Courses, and Restricted Electives listed below. This does not include Primary Core, Secondary Core, or Capstone requirements listed below.

General Education (GEP)

- Complete all of the following
 - Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - SPC 1608 - Preferred
 - Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)

- HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
- Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - Earn at least 3 credits from the following types of courses:
 - GEP 6- Historical & Cultural Foundation - choose a course from GEP 4 or GEP 5
- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - MAC 1105C - Preferred
 - Complete at least 1 courses from the following:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)
 - Required- CGS 2100C - Computer Fundamentals for Business (3)
- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
 - Required: ECO 2013 - Principles of Macroeconomics (3) ECO 2023 - Principles of Microeconomics (3)
- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)

- CHM1020 - Concepts in Chemistry (3)
- CHM1032 - General Chemistry (3)
- CHM2045C - Chemistry Fundamentals I (4)
- CHS1440 - Principles of Chemistry (4)
- PHY1038 - Physics of Energy, Climate Change and Environment (3)
- PHY2020 - Concepts of Physics (3)
- PHY2048 - General Physics Using Calculus I (3)
- PHY2053 - College Physics I (3)
- PSC1121 - Physical Science (3)
- Complete at least 1 courses from the following:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - Earn at least 6 credits from the following types of courses:
ACG 2021 - Principles of Financial Accounting (3) ACG 2071 - Principles of Managerial Accounting (3) ECO 2013 - Principles of Macroeconomics (3) ECO 2023 - Principles of Microeconomics (3) CGS 2100C - Computer Fundamentals for Business (3)
 - with a C or better
 - Complete 1 of the following
 - Complete the following:
 - QMB3003 - Quantitative Business Tools I (3)
 - Complete the following:
 - MAC2233 - Concepts of Calculus (3)
 - STA2023 - Statistical Methods I (3)
 - Complete the following:
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - Note: Students who have not completed MAC 2233 and STA 2023, MAC 2311 and STA 2023, or MAC 2311 and MAC 2312 with a "C" or better must take QMB 3003 - Quantitative Business Tools I

Grand Total Credits: **9 - 14**

Degree Requirements

Core Requirements: Advanced Level
30 Total Credits

- Complete all of the following
 - Primary Core
 - Complete the following:
 - ACG3173 - Accounting for Decision-Makers (3)
 - QMB3200 - Quantitative Business Tools II (3)
 - FIN3403 - Business Finance (3)
 - MAN3025 - Management of Organizations (3)
 - MAR3023 - Marketing (3)
 - Secondary Core
 - Complete the following:

- GEB3006 - Introduction to Career Development and Financial Plannings (3)
- GEB3005 - Career Search Strategy (1)
- BUL3130 - Legal and Ethical Environment of Business (3)
- QMB3602 - Business Research for Decision Making (3)
- MAR3203 - Supply Chain and Operations Management (3)
- GEB4223 - Business Interviewing Techniques (1)
- GEB4004 - Executing Your Career Plan (1)

Required Courses

9 Total Credits

- Complete the following:
 - FIN2100 - Personal Finance and Investments (3)
 - REE3043 - Fundamentals of Real Estate (3)
 - REE3433 - Real Estate Law (3)

Restricted Electives

18 Total Credits

- Complete all of the following
 - Earn at least 15 credits from the following:
 - FIN3414 - Intermediate Corporate Finance (3)
 - FIN4243 - Debt and Money Markets (3)
 - FIN4504 - Equity and Capital Markets (3)
 - MAR3391 - Professional Selling (3)
 - REE3614 - Environmental Issues for Real Estate (3)
 - REE4103 - Real Estate Appraisal and Valuation (3)
 - REE4203 - Commercial Real Estate Finance (3)
 - REE4204 - Residential Real Estate Finance (3)
 - REE4303 - Real Estate Investment Analysis (3)
 - REE4732 - Real Estate Development (3)
 - REE4941 - Internship (1 - 99)
 - REE4933 - Advanced Topics in Real Estate (3)
 - REE4312 - Real Estate Market Analysis (3)
 - FIN 3414, FIN 4243, FIN 4504 are restricted to students who meet finance major admission qualifications. REE 4941 Internship course requires an overall GPA of 2.75 and a 3.0 GPA in the major. REE 4903H and REE 4970H - Must be in the UCF Honors in the Major Program.
 - Business Elective
 - Earn at least 3 credits from the following types of courses:
Choose any upper level business course

Capstone Requirement

3 Total Credits

- Complete all of the following
 - Complete the following:
 - MAN4720 - Strategic Management (3)
 - Admitted to a Business major, senior standing, and completion of MAN 3025, MAR 3023, FIN 3403, QMB 3200, and ACG 3173 or ACG 3131 are required to register for MAN 4720.

Grand Total Credits: **60**

Program Details

Electives

-
- Variable

Foreign Language Requirements

Admissions

-
- Two years of one foreign language in high school, or one year of foreign language in college (or

equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- A minimum major GPA of 2.0 and a minimum College of Business GPA of 2.0.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Honors In Major

- Eligibility: Requirements for admission to the Honors in the Major program are: completion of at least 60 credit hours, completion of at least 12 upper division hours, at least a 3.5 GPA in the major, at least a 3.2 upper-division GPA, and at least two semesters remaining prior to graduation.
- Admission: Application for admission to the Honors in the Major program must be approved by both the Director of the Dr. Phillips School of Real Estate and Associate Dean of the Honors College plus the payment of \$25.00 one-time membership dues.
- Requirements: Students accepted into the Honors in the Major program must complete two honors courses (total of 6 credit hours) as follows:

Honors in Major Credit Requirements (6 Credit Hours)

Required Honors Reading Course (3 Credit Hours)

- REE 4903H - Honors Directed Readings I **Credit Hours: 1**

Required Honors Thesis (3 Credit Hours)

- REE 4970H - Undergraduate Honors Thesis **Credit Hours: 1**

Additional Information

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- Florida College System students are advised to complete the Associate of Arts degree, to include the general education requirements, the common program prerequisites for the SUS system, and college algebra.
- Orientation and advising are two of the most valuable tools that a student can make use of when transferring to UCF. Be sure that you take advantage of both.

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.
- Common Program Prerequisites for the State University System for College of Business Administration programs include Financial Accounting, Managerial Accounting, Macroeconomics, Microeconomics, Calculus, Statistics, and a relevant computer class. At UCF Business, students who have completed the calculus and statistics class will be waived from Quantitative Business Tools I. Students who have completed either the calculus or the statistics, but not both, must take QMB 3003.
- Subject to the general grade and residence requirements, credit will be granted for transferred course work equivalent to that required in the UCF Business program. Only grades of "C" or higher transfer into the program and students must have a "C" or better in each common program prerequisites class.
- Any student receiving a business degree must complete a minimum of 30 of the 60 upper level business credit hours for their degree program in the UCF College of Business Administration. Additionally, 12 of the 30 credit hours completed at UCF must be from the department or school in which the student majors.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oegas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$25.00 per term
- Full-Time Student: \$50.00 per term

Real Estate Minor

College

College of Business Administration

Department

Dr P Phillips School of Real Estate

Program Type

Minor

Program Contact Information

**College of Business Administration
Dr. P. Phillips School of Real Estate
Business Administration I (BA1), 427
407-823-3575**

Program Description

Students seeking advising must go to BA 2 room 101.

Open to Business and Non-Business Students. Not available to Real Estate Majors.

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Admission Courses

- Complete the following:
 - ACG2021 - Principles of Financial Accounting (3)
 - ECO2023 - Principles of Microeconomics (3)

Degree Requirements

Required Courses

12 Total Credits

- Complete the following:
 - FIN2100 - Personal Finance and Investments (3)
 - FIN3403 - Business Finance (3)
 - REE3043 - Fundamentals of Real Estate (3)
 - REE3433 - Real Estate Law (3)

Restricted Electives

6 Total Credits

- Complete at least 2 of the following:
 - REE4103 - Real Estate Appraisal and Valuation (3)
 - REE4203 - Commercial Real Estate Finance (3)
 - REE4204 - Residential Real Estate Finance (3)
 - REE4303 - Real Estate Investment Analysis (3)
 - REE4732 - Real Estate Development (3)
 - REE3614 - Environmental Issues for Real Estate (3)
 - REE4933 - Advanced Topics in Real Estate (3)

Grand Total Credits: **18**

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

Other Requirements

- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades below "C" (2.0) or "S" grades from other institutions are not accepted.
- Courses taken at Florida College System institutions do not substitute for upper division courses.
- Courses transferred must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.
- At least twelve hours used in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Independent Study, or Directed Research credit cannot be used toward the minor.
- A maximum of 6 hours of required or elective coursework (from Required Courses and Electives above) can count toward another major or minor degree program.

Sport Business Management (SPB) Minor

College

College of Business Administration

Department

DeVos Sport Business Management

Program Type

Minor

Program Contact Information

**College of Business Administration
DeVos Sport Business Management
Sport Business Management Minor Program
Business Administration II (BA2), 302Z**

Director, Undergraduate Program & Associate Director, DeVos Graduate Program Sport Business Management Program: Dr. Scott Bukstein

407-823-1513

scott.bukstein@ucf.edu

Program Description

Open to Business and Non-Business majors. Minor will only be awarded at the time of degree completion. A 2.5 GPA in the minor is required in order to receive this minor.

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Required Courses

18 Total Credits

- Complete the following:
 - SPB3003 - Introduction to Sport Business Management (3)
 - SPB3603 - Diversity and Social Issues in Sport Business Management (3)
 - SPB3823 - The Role of Business Entrepreneurship in Sports/Entertainment (3)
 - SPB4304 - Sports Event and Facility Management (3)
 - SPB4804 - Sport Business and Media (3)
 - SPB4251 - Business Law in Sport & Entertainment (3)

Grand Total Credits: **18**

Program Details

Restricted Electives

- None

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

Other Requirements

- SPB 3003 is the prerequisite for all other required courses in the minor.
- Students must have sophomore, junior or senior standing to enroll in SPB 3003.
- Students must earn a grade of a "C" (2.0) or better, in courses within the minor in order to take additional courses in the minor.
- Students must maintain a minimum GPA of 2.5 to be enrolled in courses within the minor.
- No credit by exam (CLEP, TSD, Military credit) may be used to satisfy any of the credit hour requirements in the minor.
- Internship, Independent Study, and Directed Research credit hours may be applied toward the requirements of completing the minor only if the credit hours are approved by the appropriate Department Chair.
- At least nine credit hours must be earned at UCF within the undergraduate Sport Business Management Minor program.
- A maximum of six credit hours of the above-listed required courses can count toward another major or minor degree program for students in the College of Business.

Technological Entrepreneurship Minor

College

College of Business Administration

Department

Department of Management

Program Type

Minor

Program Contact Information

**College of Business Administration
Management Department
Center for Entrepreneurial Leadership
Business Administration I (BA1), 309**

Program Description

Open to Business and Non-Business Students

The Technological Entrepreneurship Minor offers students an opportunity to learn how to develop and commercialize innovations. The courses describe several commercialization pathways including corporate ventures and licensing, but will emphasize the development of startup business ventures. Students will learn how to create economic and social value and incorporate business considerations into their problem solving and design efforts. Participants will also learn contemporary approaches to designing and implementing technology startup business models capable of taking an innovation to market

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Required Courses

12 Total Credits

- Complete all of the following
 - Complete the following:
 - ENT3613 - Creativity and Entrepreneurship (3)
 - ENT4013 - New Venture Design (3)
 - ENT4014 - New Venture Implementation (3)
 - * Students may substitute ENT 5016 New Venture Design for ENT 4013 - New Venture Design, and/or ENT 5206 New Venture Implementation for ENT 4014 - New Venture Implementation with the consent of the graduate course instructor contact the program for more information. : ENT 4014
 - Complete at least 1 of the following:
 - DIG3563 - Information Management and Entrepreneurship (3)
 - EGN4641C - Engineering Entrepreneurship (3)
 - ENT4183 - Technological Entrepreneurship (3)

Restricted Electives

6 Total Credits

- Complete all of the following
 - Students must select six credits from the courses listed below. Alternatively, this requirement can be fulfilled by design or innovation courses approved by the program coordinator in consultation with faculty offering the courses (e.g., senior design sequences, etc. See illustrative examples of approved course sequences below).
 - Complete at least 2 of the following:
 - DIG3563 - Information Management and Entrepreneurship (3)
 - EGN4641C - Engineering Entrepreneurship (3)
 - ENT4183 - Technological Entrepreneurship (3)
 - ENT4503 - Social Entrepreneurship (3)
 - ENT4942 - Entrepreneurial Internship (3)
 - MAN4046 - Teamwork, Collaboration, and Group Dynamics (3)
 - MAN4143 - Leadership Development (3)
 - MAR3765 - Entrepreneurial Marketing (3)
 - ENT 4906 - Directed Independent Study Credit Hours: 1
 - Independent study requires students to develop a portfolio of new venture deliverables that demonstrate specific entrepreneurship competencies. Competencies addressed, milestones completed, and deliverables required will be determined in consultation with supervising faculty. Details regarding independent study opportunities are available at www.cel.ucf.edu. : ENT 4906
 - Internships must be in collaboration with a local startup, small business, or entrepreneurship support organization. Internship packets are available in the Management Department (BA1-309). : ENT 4942

Grand Total Credits: **18**

Program Details

Design or innovation course sequence examples

- EEL 4914 - Senior Design I **Credit Hours: 3**
and
- EEL 4915L - Senior Design II **Credit Hours: 3**
- EML 4501C - Engineering Design I **Credit Hours: 3**
and
- EML 4502C - Engineering Design II **Credit Hours: 3**
- DIG 4713 - Game Design **Credit Hours: 3**
and
- DIG 4715C - Game Production **Credit Hours: 3**

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

Other Requirements

- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades below "C" (2.0) or "S" grades from other institutions are not accepted.
- Courses taken at Florida College System institutions do not substitute for upper division courses.
- Courses transferred must be formally evaluated for equivalency credit. The student must provide a course syllabus and any other supporting information with his/her petition for this evaluation.
- At least 12 hours used in the minor must be earned at UCF.
- No credit by exam (TSD, Military credit) may be used.
- A maximum of 6 hours of the above listed required or elective courses can count toward another major or minor degree program.

The Business of Hip-Hop Innovation and Creative Industries

College

College of Business Administration

Department

DeVos Sport Business Management

Program Type

Certificate

Program Description

Teach business and non-business students that understanding the historical and contemporary best practices of hiphop culture based on interdisciplinary theories across management, business culture, cross-cultural research in business, etc. will enable them to develop skill sets that are marketable and valuable to employers

Degree Requirements

Required Courses

12 Total Credits

- Complete all of the following
 - Complete the following:
 - SPB3003 - Introduction to Sport Business Management (3)
 - ENT3613 - Creativity and Entrepreneurship (3)
 - AFA3371 - Evolution of Hip Hop (3)
 - Earn at least 3 credits from the following types of courses:
SPB - 4932 - The Business of HipHop Innovation and Entrepreneurship

Grand Total Credits: **12**

Program Details

Restricted Electives

None

Foreign Language Requirements:

None

Total Undergraduate Credit Hours Required: 12

Other Requirements:

A minimum overall GPA of 2.5 is required. A minimum grade of "C" (2.0) is required in each course for the certificate.

At least 9 hours used in the certificate must be earned at UCF within the department. No credit by examination (TSD, Military credit) may be used.

Internship or Independent Study credit cannot be used toward the certificate without departmental approval.

Art Education Minor

College

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Minor

Program Description

College of Community Innovation and Education
School of Teacher Education
Educational Complex & Gym (ED), 122C
407-823-1768

Faculty Contact: *Dr. Debra McGann*
debra.mcgann@ucf.edu

This minor is not available to Art Education majors. This minor is well-suited for students enrolled in the School of Visual Arts and Design or Interdisciplinary Studies students with a concentration in Art. This minor is not available to students in pending status in a College of Community Innovation and Education major.

Admission Requirements

- Have a minimum 2.5 overall GPA
- Complete the University General Education requirements or its equivalent, i.e. an AA degree from an approved Florida College System or State University System institution.

Minor Requirements

- Students should see an advisor prior to registering for classes.
- Students must complete 18 SH of co-requisites and course prefixes could be ARE, ART, ARH, or GRA.
- At least 12 hours in the minor must be earned at UCF.
- Students must have a grade of "C-" (1.75) or better in all courses required for minor.

Prerequisite Courses

- None

Degree Requirements

18 Total Credits

- Complete the following:
 - EDG4410 - Teaching Strategies and Classroom Management (3)
 - EDF4467 - Learning Theory and Assessment (3)
 - TSL4080 - Theory and Practice of Teaching ESOL Students in Schools (3)
 - RED4043 - Content Reading in Kindergarten through Grade 12 (3)
 - ARE4351 - Teaching Art in the Elementary School (3)
 - ARE4352 - Teaching Art in the Secondary School (3)

Grand Total Credits: **18**

Program Details

Restricted Electives

- None

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

Other Requirements

- None

Career and Technical Education (B.S.)

College

College of Community Innovation and Education

Department

Department of Educational Leadership & Higher Education

Program Type

Major

Is this program available 100% online?

Yes

UCF Online

Online Career and Technical Education, BS

Program Description

**College of Community Innovation and Education
Department of Educational Leadership & Higher Education
Education Complex & Gym (ED), 220C**

Lecturer and Academic Program Coordinator: Dr. Lisa Martino
407-823-6184
lisa.martino@ucf.edu

What is Career and Technical Education (CTE)? Career and Technical Education programs and courses prepare youths and adults for a wide range of skills and competencies for career pathways within industries in the workforce. The Career and Technical Education (CTE) B.S. degree program prepares developing teachers, trainers, and leaders who seek to utilize innovative measures that influence and serve students in modern educational and organizational settings.

Career and Technical Education B.S. Program Vision: To create an effective and efficient workforce.

Career and Technical Education B.S. Program Mission Statement: To develop accomplished CTE educators, trainers, and leaders who successfully prepare their students for college and career opportunities.

The Career and Technical Education (B.S.) core courses are offered online. The program is offered as an online track and a traditional track. It may be completed fully online, although not all elective course options or program prerequisites may be offered online. Newly admitted students choosing to complete this program exclusively via UCF online classes may enroll with a reduction in campus-based fees. Please review UCF Online for more information.

This degree is not an initial teacher certification at the state level.

Complete each course used for the major with a "C" (2.0) or better and earn a minimum GPA of 2.0 in each major requirements section.

General Education (GEP)

GEP

36 - 39 Total Credits

- Complete all of the following
 - Communication
 - Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Preferred: SPC 1608 - Fundamentals of Oral Communication Credit Hours: (3)
 - Cultural & Historical
 - Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)

- Complete at least 1 courses from the following:
 GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Earn at least 3 credits from the following types of courses:
 GEP 6: Take one additional course from either Cultural and Historical Foundation, Area 1 or 2. Consider that some courses also partially satisfy the Gordon Rule requirement.

Mathematical

- Complete all of the following
 - Complete at least 1 courses from the following:
 GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - Complete at least 1 courses from the following:
 GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)

Social

- Complete all of the following
 - Complete at least 1 courses from the following:
 GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - Complete at least 1 courses from the following:
 GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science

- Complete all of the following
 - Complete at least 1 courses from the following:
 GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)

- PHY2020 - Concepts of Physics (3)
- PHY2048 - General Physics Using Calculus I (3)
- PHY2053 - College Physics I (3)
- PSC1121 - Physical Science (3)
- Complete at least 1 courses from the following:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

- Complete ENC 1102

Grand Total Credits: **0**

Degree Requirements

Core Requirements: Basic Level
3 Total Credits

- Complete the following:
 - ECT2002 - Introduction to Career and Technical Teaching and Training (3)

Core Requirements: Advanced Level
27 Total Credits

- Complete the following:
 - ECT3062 - Professional Roles of the Career & Technical Teacher (3)
 - ECT3365 - General Methods/Testing Evaluation in Career & Technical Education (3)
 - ECT3367 - Evaluation of Career & Technical Education Instruction (3)
 - ECW3564 - Special Populations in Career & Technical Education (3)
 - ECT4004 - Principles and Practices of Technical Education (3)
 - ECT4184 - Curriculum Development Techniques for Industry Training (3)
 - ADE4382 - Teaching Adult Learners in Technical Programs (3)
 - ECT4815 - Safety in the Technical Education Classroom and Laboratory (3)
 - ECT4384 - Advanced Teaching Techniques for Career Education (3)

Course Construction
3 Total Credits

- Complete at least 1 of the following:
 - BTE4410 - Course Construction in Business Education (3)
 - ECW3312 - Course Construction in Health Occupations Education (3)
 - ECT3371 - Course Construction in Industrial Education (3)

Technical Specialization
30 Total Credits

- Earn at least 30 credits from the following types of courses:
Students must complete an area of specialization through occupation-specific courses approved by advisor. *May need additional elective courses to meet 120 undergraduate credit hours per the university minimum exit requirements. See advisor for more information.

Restricted Electives
9 Total Credits

- Earn at least 9 credits from the following types of courses:
Upper Division Electives with advisor's approval

Directed Field Experience
12 Total Credits

- Earn at least 12 credits from the following types of courses:
Directed Field Experience/Internship The Technical Specialization must be satisfied, and all courses must be completed prior to registering, through your advisor, for the Directed Field Experience. This supervised internship may be completed in an educational or industrial setting, or with the UCF program faculty assisting in teaching web-based courses. The internship course has a S/U grading policy. An internship application and other requirements are necessary before admission into the internship course.

Grand Total Credits: **84**

Program Details

Minors

Minors may be selected for a technical specialization area. See advisor for more information.

Foreign Language Requirements

State University System foreign language admission requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Departmental Exit Requirements

- Achieve a minimum 2.0 GPA in all courses within the major.
- Achieve a minimum 2.0 GPA in the specialization coursework.
- Achieve a minimum 2.0 GPA in the education core advanced level coursework.
- Achieve a minimum overall 2.0 GPA

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of summer credit.

Total Undergraduate Credit Hours Required: 120

- Earn a minimum of 120 unduplicated credit hours with at least a "C" average (2.0 GPA) for all UCF course work attempted.
- See Department Exit Requirements for minimum GPA in all courses within the major.
- See UCF catalog for more information.

Additional Information

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: <https://oeas.ucf.edu/about/academiclearningcompacts/>

Career and Technical Education Minor

College

College of Community Innovation and Education

Department

Department of Educational Leadership & Higher Education

Program Type

Minor

Program Description

**College of Community Innovation and Education
Department of Educational Leadership & Higher Education
Education Complex & Gym (ED), 220C**

Lecturer and Academic Program Coordinator: Dr. Lisa Martino

407-823-6184

lisa.martino@ucf.edu

The minor in Career and Technical Education provides a limited, but substantive experience in the area of technical education and industry training of adults. The minor is not available to students in the College of Community Innovation and Education with the exception of Sport and Exercise Science. The minor does not lead to teacher certification or admission to the College of Community Innovation and Education. All courses are offered solely using the Web. This minor is available for students in the 2003 catalog year and beyond.

Minor Admission Requirements

- Minimum 2.5 overall GPA
- Complete the University General Education requirements or its equivalent, i.e. an AA degree from an approved Florida College System or State University System institution.

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

18 Total Credits

- Complete the following:
 - ADE4382 - Teaching Adult Learners in Technical Programs (3)
 - ECT4384 - Advanced Teaching Techniques for Career Education (3)
 - ECT3062 - Professional Roles of the Career & Technical Teacher (3)
 - ECT4184 - Curriculum Development Techniques for Industry Training (3)
 - ECT4004 - Principles and Practices of Technical Education (3)
 - ECT3367 - Evaluation of Career & Technical Education Instruction (3)

Grand Total Credits: 18

Program Details

Restricted Electives

- None

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

Other Requirements

- A minimum of 4 courses of the 6 required must be completed at UCF within the program of courses listed above.
- A grade of "C" (2.0) or better must be achieved in each course used for this Minor.
- Internship, Co-op, or Independent Study credit cannot be used towards this Minor.
- No Military credit can be used toward this Minor.
- Completion of this Minor does not complete requirements for certification as a Vocational Education teacher nor does it constitute admission to the College of Community Innovation and Education.

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Career and Technical Education, Workforce Training and Development (B.S.)

College

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Major

Program Description

College of Community Innovation and Education Department of Educational Leadership and Higher Education

The Career and Technical Education, Workforce Training and Development (B.S.) track is a non-certification degree program that focuses on developing workforce and talent development trainers. The Workforce Training and Development track prepares graduates for employment in various workforce training professional careers, including corporate, workforce, and technical trainers as well as talent developers in all areas of industry.

The courses in this track are offered completely online.

Complete each course used for the major with a "C" (2.0) or better, and earn a minimum GPA of 2.0 in each major requirements section.

General Education (GEP)

Communication Foundation
9 Total Credits

- Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - SPC 1608 preferred for GEP 3

Cultural and Historical Foundation
9 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)

- THE2000 - Theatre Survey (3)
- MUL2010 - Enjoyment of Music (3)
- Earn at least 3 credits from the following types of courses:
GEP 6: Take one additional course from either Cultural and Historical Foundation, Area 1 or 2.
Consider that some courses also partially satisfy the Gordon Rule requirement.

Mathematical Foundation 6 - 7 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - Complete at least 1 courses from the following:
GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)

Social Foundation 6 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - Complete at least 1 courses from the following:
GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundation 6 - 8 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - Complete at least 1 courses from the following:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)

- EVR1001 - Introduction to Environmental Science (3)
- GEO1200 - Physical Geography (3)
- GEO2370 - Resources Geography (3)
- GLY1030 - Geology and its Applications (3)
- GLY2038 - Environmental Geoscience (3)
- MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
- MET2104 - The Earth's Climate (3)

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

CPP

0 Total Credits

- Complete ENC 1102

Grand Total Credits: **0**

Degree Requirements

Core Requirements: Basic Level
3 Total Credits

- Complete the following:
 - ECT2002 - Introduction to Career and Technical Teaching and Training (3)

Core Requirements: Advanced Level
30 Total Credits

- Complete all of the following
 - Complete the following:
 - ECT3062 - Professional Roles of the Career & Technical Teacher (3)
 - ECT3365 - General Methods/Testing Evaluation in Career & Technical Education (3)
 - ECT3367 - Evaluation of Career & Technical Education Instruction (3)
 - ECW3564 - Special Populations in Career & Technical Education (3)
 - ECT4004 - Principles and Practices of Technical Education (3)
 - ECT4184 - Curriculum Development Techniques for Industry Training (3)
 - ADE4382 - Teaching Adult Learners in Technical Programs (3)
 - ECT4815 - Safety in the Technical Education Classroom and Laboratory (3)
 - ECT4384 - Advanced Teaching Techniques for Career Education (3)
 - Complete at least 1 of the following:
 - BTE4410 - Course Construction in Business Education (3)
 - ECW3312 - Course Construction in Health Occupations Education (3)
 - ECT3371 - Course Construction in Industrial Education (3)

Technical Specialization Requirements
30 Total Credits

- Earn at least 30 credits from the following types of courses:
Students must complete an area of specialization through occupation-specific courses approved by advisor.

Restricted Electives
9 Total Credits

- Complete all of the following
 - Complete the following:
 - ECW3064 - Workforce Training and Development Fundamentals (3)
 - ECW4103 - Workforce Training and Development Instructional Planning (3)
 - Earn at least 3 credits from the following types of courses:
Upper division elective with advisor's approval

Directed Field Experience
12 Total Credits

- Earn at least 12 credits from the following types of courses:
The Technical Specialization must be satisfied and all courses must be completed prior to registering, through your advisor, for the Directed Field Experience. This supervised internship may be completed in an educational or industrial setting, or with the UCF program faculty assisting in teaching web-based courses. The internship course has a S/U grading policy. An internship application and other requirements are necessary before admission into the internship course.

Grand Total Credits: **84**

Program Details

*May need additional elective courses to meet 120 undergraduate credit hours per the university minimum exit requirements. See advisor for more information.

Foreign Language Requirements

State University System foreign language admission requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Departmental Exit Requirements

- Achieve a minimum 2.0 GPA in all courses within the major.
- Achieve a minimum 2.0 GPA in the specialization coursework.
- Achieve a minimum 2.0 GPA in the education core advanced level coursework.
- Achieve a minimum overall 2.0 GPA
- Complete the 12-credit hour internship course

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

- Earn a minimum of 120 unduplicated credit hours with at least a "C" average (2.0 GPA) for all UCF course work attempted.
- See Department Exit Requirements for minimum GPA in all courses within the major.
- See UCF catalog for more information.

Additional Information

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: <https://oeas.ucf.edu/about/academiclearningcompacts/>

Plan of Study (120 Credit Hours)

Proposed plan of study. See advisor for more information.

Freshman Year - Fall (15 Credit Hours)

-
- ENC 1101 - Composition I **Credit Hours: 3**
 - MGF 1106 - Finite Mathematics **Credit Hours: 3**
 - PSC 1121 - Physical Science **Credit Hours: 3**
 - SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
 - Elective - **Credit Hours: 3** Discipline-specific course for subject matter expertise **or** Foreign Language Course *(if needed)* **Credit Hours: 4**

Freshman Year - Spring (15 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3**
- STA 2014 - Principles of Statistics **Credit Hours: 3**
- POS 2041 - American National Government **Credit Hours: 3**
- Elective - **Credit Hours: 3** Discipline-specific course for subject matter expertise **or** Foreign Language Course *(if needed)* **Credit Hours: 4**

Sophomore Year - Fall (15 Credit Hours)

- PSY 2012 - General Psychology **Credit Hours: 3**
- BSC 1005 - Biological Principles **Credit Hours: 3**
- HUM 2020 - Encountering the Humanities **Credit Hours: 3**
- LIT 2110 - World Literature I **Credit Hours: 3**

Elective - **Credit Hours: 3** Discipline-specific course for subject matter expertise

Sophomore Year - Spring (15 Credit Hours)

- Electives - Technical Specialization Courses **Credit Hours: 15**
 - EDP 2270 Adult Development and Learning - **Credit Hours: 3**
 - EDP 2002 Educational Psychology - **Credit Hours: 3**
 - DEP 2004 Developmental Psychology - **Credit Hours: 3**
 - DEP 1302 Psychology of Adolescence - **Credit Hours: 3**
 - Other Discipline-specific courses for subject matter expertise

Junior Year - Summer (6 Credit Hours)

- ECT 3062 - Professional Roles of the Career & Technical Teacher **Credit Hours: 3**
- ECT 3371 - Course Construction in Industrial Education **Credit Hours: 3** OR
 - BTE 4410 - Course Construction in Business Education
 - ECW 3312 - Course Construction in Health Sciences
- ADE 4382 - Teaching Adult Learners in Technical Programs **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- ECT 2002 - Introduction to Career and Technical Teaching and Training **Credit Hours: 3**
- ECT 3365 - General Methods/Testing Evaluation in Career & Technical Education **Credit Hours: 3**

- ECT 3367 - Evaluation of Career & Technical Education Instruction **Credit Hours: 3**
- ECT 4004 - Principles and Practices of Technical Education **Credit Hours: 3**
- ECW 3064 - Workforce Training and Development Fundamentals **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- ECT 4384 - Advanced Teaching Techniques for Career Education **Credit Hours: 3**
- ECW 3564 - Special Populations in Career & Technical Education **Credit Hours: 3**
- ECT 4184 - Curriculum Development Techniques for Industry Training **Credit Hours: 3**
- ECW 4103 - Workforce Training and Development Instructional Planning **Credit Hours: 3**
- ECT 4815 - Safety in the Technical Education Classroom and Laboratory **Credit Hours: 3**

Senior Year - Fall (9 Credit Hours)

- Two (2) Courses in Technical Specialization **Credit Hours: 6**
- One (1) Upper Division Course - **Upon advisor's approval. Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- ECT 4941 Internship - **Credit Hours: 12**

Conflict Resolution and Analysis Certificate

College

College of Community Innovation and Education

Department

Department of Legal Studies

Program Type

Certificate

Program Website

<https://www.ucf.edu/degree/conflict-resolution-and-analysis-certificate/>

Program Contact Information

College of Community Innovation and Education
Department of Legal Studies
Dr. Phillips Academic Commons (DPAC) - UCF Downtown, 430
407-823-1670
legalstudies@ucf.edu

Academic Program Coordinator: *Christy Foley*

Christy.Foley@ucf.edu

Program Advisor: Sean Donovan, sean.donovan@ucf.edu

College of Sciences
Nicholson School of Communication and Media

Nicholson Academic Student Services Center (NASSC)
Union West Creative Village (UWCV), 200

407-823-2681

nassc@ucf.edu

Is this program available 100% online?

Yes

Admission Requirements

None

Program Description

The certificate provides the interdisciplinary academic study of and the practical tools to analyze and resolve conflicts in a variety of settings. The Certificate is appropriate for students planning to work in many fields, including but not limited to law, law enforcement, human resources, communication, business, and government.

Degree Requirements

3 Total Credits

- Complete all of the following
 - Students must complete the following two courses before enrolling in the practicum or negotiation in practice courses.
 - Complete the following:
 - Course Not Found
 - PLA4244 - Community Mediation and Conflict Resolution (3)
 - Prerequisite for PLA4244: PLA3014

3 Total Credits

- Complete all of the following
 - Students must complete one of the following two courses. Other course from the following list can count as a restricted elective towards the completion of this certificate.
 - Complete at least 1 of the following:
 - PLA4243 - Negotiation in Practice (3)
 - Course Not Found

6 Total Credits

- Complete all of the following
 - Students must satisfy the prerequisites, if any, for each course before enrolling in the class.
 - Earn at least 6 credits from the following:
 - COM3802 - Principles of Communication & Conflict (3)
 - COM4803 - Third Party Processes & Intervention (3)
 - COM4804 - Communication in Cultural Conflict Context (3)
 - COM4805 - Transformative Communication (3)
 - MAN4441 - Conflict Resolution and Negotiation (3)
 - PAD3040 - Ethics and Values in Public Administration (3)
 - PAD4446 - Multiculturalism in Public Administration (3)
 - PAD4822 - Intergovernmental Administration (3)
 - SPC4513C - Argumentation and Debate (3)
 - PLA3014 - Law and the Legal System (3)

Grand Total Credits: **12**

Program Details

Certificate total: 15 hours

Certificate Admission Requirements

None

Certificate Requirements

Students are required to take courses as specified below and to declare the Certificate.

Prerequisite Courses

None

Total Semester Hours Required

15

Foreign Language Requirements

None

Other Requirements

- A minimum overall GPA of 2.0 is required in courses used to satisfy the certificate.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit cannot be used toward the certificate.
- At least 12 hours used in the program must be earned at UCF
- Course Substitutions must be approved by the department in advance.

Crime Analysis and Crime Mapping Certificate

College

College of Community Innovation and Education

Department

Department of Criminal Justice

Program Type

Certificate

Program Description

College of Community Innovation and Education

Criminal Justice Department

Health Sciences I (HS1), 311

407-823-2603

cjadvice@ucf.edu

Program Coordinator: Dr. Cory Watkins

Cory.Watkins@ucf.edu

Crime analysis and crime mapping are now recognized as essential and vital functions in law enforcement. Analysts take advantage of state-of-the-art computer technologies to support operations, investigations, and management. These specialists take data and produce information that is used to identify crime patterns, monitor crime trends, forecast future crime events, prepare statistical crime reports, and work directly with investigators to identify suspects. Five courses (15 credit hours) are required for this undergraduate certificate. Certificates will be awarded only at the time of degree completion.

Certificate Admission Requirements

- None

Certificate Requirements

- Students are required to take courses as specified below and to declare the Certificate.

Prerequisite Courses

- There are no certificate program prerequisites; however individual courses may have prerequisites.

Degree Requirements

15 Total Credits

- Complete all of the following
 - Required Courses
 - Complete the following:
 - CJE3662 - CJ Information Technology and Data Management (3)
 - CJE4663 - Crime Mapping and Pattern Analysis (3)
 - CCJ4076 - Crime Intelligence and Investigative Support Analysis (3)
 - Restricted Electives
 - Complete at least 2 of the following:
 - CCJ3451 - Justice System Technology (3)
 - CJE3444 - Crime Prevention (3)
 - CJE4654 - Crime and Place (3)
 - CCJ3450 - Criminal Justice Management and Liability Issues (3)
 - CJE4352 - Policy Development in Law Enforcement (3)
 - CJE4572 - Justice Agency Operations (3)

Grand Total Credits: **15**

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 15

Other Requirements

- A minimum overall GPA of 2.0 is required in courses used to satisfy the certificate.
- At least 12 hours used in the program must be earned at UCF within the Criminal Justice Department.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit may not be used toward the program.
- Course substitutions must be approved by the department in advance.

Crime Scene Investigation Certificate

College

College of Community Innovation and Education

Department

Department of Criminal Justice

Program Type

Certificate

Program Description

**College of Community Innovation and Education
Criminal Justice Department
Health Sciences I (HS1), 311**

Senior Lecturer: *Dr. Mark Winton*
407-823-2603
Mark.Winton@ucf.edu

**College of Sciences
Anthropology Department
Howard Phillips Hall (HPH), 403**

Associate Lecturer & Undergraduate Coordinator: *Dr. Sandra Wheeler*
407-823-2227
sandra.wheeler@ucf.edu

Crime scene processing is increasingly becoming a multi-disciplinary endeavor with the application of technologically advanced methods. Treatment of the initial crime scene is fundamental not only to the pursuit of offenders but also to the presentation of the prosecutor's case once offenders have been apprehended. The certificate program is a means of organizing information required to perform basic crime scene investigations. It provides theoretical and practical information used to assess crime scenes, the technology available and the procedures to employ in order to produce a forensically valuable product. The program requires 15 credit hours of undergraduate work. Certificates will be awarded only at the time of degree completion.

Certificate Admission Requirements

- None

Certificate Requirements

- A minimum overall GPA of 2.0 is required in courses used to satisfy the certificate.
- At least 12 hours used in the program must be earned at UCF.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit may not be used toward the program.
- Students are required to take courses as specified below and to declare the Certificate.

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Degree Requirements

15 Total Credits

- Complete all of the following
 - Required Courses Note: some courses have limited offerings, and should be taken when available.
 - Complete the following:
 - ANT4183 - Archaeological Sciences (3)
 - ANT4521 - Forensic Anthropology (3)
 - CJE4012 - Criminal Profiling in Criminal Justice (3)
 - CJE4610 - Criminal Investigation (3)
 - Restricted Electives
 - Complete at least 1 of the following:
 - ANT4115C - Archaeological Method and Theory (3)
 - CCJ4195 - Interviews & Interrogations in CJ (3)
 - CHS3501 - Introduction to Forensic Science (3)
 - CJE4630 - Serial Murder and Criminal Justice (3)
 - SYP3510 - Sociology of Deviant Behavior (3)

Grand Total Credits: 15

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 15

Other Requirements

- Course substitutions must be approved by both departments in advance.

Criminal Justice, A.S. to B.S. Track (B.S.)

College

College of Community Innovation and Education

Department

Department of Criminal Justice

Program Type

Articulated A.S. Programs

Program Description

College of Community Innovation and Education
Criminal Justice Department
Health Sciences (HS1), 311
407-823-2603
cjadvise@ucf.edu

Associate Professor and Undergraduate Program Coordinator: Dr. Cory Watkins
Cory.Watkins@ucf.edu

A.S. to B.S. Track (Completion program only for individuals who have a statewide articulated A.S. from a Florida College System institution)

Admission Requirements

- Completion of a Statewide Articulated A.S. in Criminal Justice from a Florida College System institution which is composed of 64 hours of course work, including at least 18 hours of transferable general education courses.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- The courses designated in section 1 below may be taken at a Florida College System institution.
- Students must earn a grade of "C" (2.0) or better in each core course
- Students must earn a minimum overall GPA of 2.0 in all courses used to satisfy the restricted electives.

General Education (GEP)

Communication Foundation
9 Total Credits

- Complete all of the following
 - Students will complete 18 hours of selected General Education courses. The specific courses will be determined in coordination with General Education courses completed as part of the articulated A.S. and come from the following areas:
 - Complete all courses from the following:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

Cultural and Historical Foundation

9 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - Earn at least 3 credits from the following types of courses:
 - GEP 6: Take one additional course from either Cultural and Historical Foundation, Area 1 or 2. Consider that some courses also partially satisfy the Gordon Rule requirement.

Mathematical Foundation

6 - 7 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - Complete at least 1 courses from the following:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)

- COP2500C - Concepts in Computer Science (3)
- COP3502C - Computer Science I (3)
- COT3100C - Introduction to Discrete Structures (3)
- STA2014 - Principles of Statistics (3)
- STA2023 - Statistical Methods I (3)
- STA3032 - Probability and Statistics for Engineers (3)
- CGS1060C - Introduction to Computers (3)

Social Foundation

6 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - Complete at least 1 courses from the following:
GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundation

6 - 8 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - Complete at least 1 courses from the following:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

0 Total Credits

- Completed as part of the approved A.S. program. See "Common Prerequisites" in the Transfer and Transition Services section.

Grand Total Credits: **0**

Degree Requirements

Core Requirements: Advanced Level
30 Total Credits

- Complete the following:
 - CJE3001 - Careers in Criminal Justice (4)
 - CCJ3024 - Criminal Justice System (3)
 - CCJ3014 - Crime in America (3)
 - CCJ4701 - Research Methods in Criminal Justice (4)
 - CCJ4746 - Data Analysis for Criminal Justice (4)
 - CJL3510 - Prosecution and Adjudication (3)
 - CJC3010 - Corrections and Penology (3)
 - CJE4014 - Police and Society (3)
 - CCJ4054 - Capstone: Criminal Justice Ethics (3)

Restricted Electives
30 Total Credits

- Complete all of the following
 - Earn at least 21 credits from the following types of courses:
21 hours of upper criminal justice course work. Seniors can satisfy up to six hours of this requirement with internship and up to six hours with directed independent study; however, the combination of these non-class options shall not exceed nine hours. Program standards must be met to be eligible for either internship or independent study credit.
 - Earn at least 9 credits from the following types of courses:
Supporting courses to be selected with and approved by the student's advisor. These courses may vary from student to student depending upon individual needs or objectives, but include selected courses from public administration, legal studies, sociology, statistics, and psychology.

Grand Total Credits: **60**

Program Details

Electives

- None

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- Students must take a minimum of 36 hours from the department to obtain the UCF degree in Criminal Justice

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 130

Additional Information

Honors In Major

- None

Related Programs

- Legal Studies (B.A. or B.S.)
- Political Science, Prelaw Track (B.A.)

Certificates

- Crime Analysis and Crime Mapping Certificate
- Criminal Profiling Certificate
- Security Management Certificate
- Crime Scene Investigation Certificate
- Victim Advocacy Certificate
- Criminal Justice Management and Leadership Certificate

Related Minors

- Legal Studies Minor
- Public Administration Minor
- Psychology Minor

Advising Notes

- None

Transfer Notes

- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.
- Lower division courses do not substitute for upper division courses.

Acceptable Substitutes for Transfer Courses

- None

Plan of Study

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oead.ucf.edu/alc/academic_learning_compacts.htm

Criminal Justice (B.A. or B.S.)

College

College of Community Innovation and Education

Department

Department of Criminal Justice

Program Type

Major

Is this program available 100% online?

Yes

UCF Online

Online Criminal Justice, BA/BS

Program Description

College of Community Innovation and Education
Criminal Justice Department
Health Sciences I (HS1), 311
407-823-2603
cjadvice@ucf.edu

Program Coordinator: Dr. Cory Watkins
Cory.Watkins@ucf.edu

Criminal Justice (B.A. or B.S.) may be completed fully online, although not all elective options or program prerequisites may be offered online. Newly admitted students choosing to complete this program exclusively via UCF online classes may enroll with a reduction in campus-based fees.

Admission Requirements

- None

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students should complete the General Education Program before transferring within the Florida College System or State University system.
- The courses designated in the General Education Program (GEP) section below may be taken at a Florida College System institution, and should usually be completed in the first 60 hours.
- Students must earn a grade of "C" (2.0) or better in each core course.
- Students must earn a minimum 2.0 overall GPA in courses used towards the restricted electives.

General Education (GEP)

36 - 39 Total Credits

- Complete all of the following
 - Communication
 - Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Cultural & Historical
 - Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)

- FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - Complete one additional course from either GEP 4 or GEP 5
 - Earn at least 3 credits from the following types of courses:
 - GEP 6: Take one additional course from either Cultural and Historical Foundation, Area 1 or 2. Consider that some courses also partially satisfy the Gordon Rule requirement.
- Mathematical
- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - Complete at least 1 courses from the following:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)
- Social
- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
- Science
- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - Complete at least 1 courses from the following:
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)

- BSC1005 - Biological Principles (3)
- BSC2010C - Biology I (4)
- EVR1001 - Introduction to Environmental Science (3)
- GEO1200 - Physical Geography (3)
- GEO2370 - Resources Geography (3)
- GLY1030 - Geology and its Applications (3)
- GLY2038 - Environmental Geoscience (3)
- MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
- MET2104 - The Earth's Climate (3)

Grand Total Credits: **36 - 39**

Degree Requirements

33 Total Credits

Core Requirements: Advanced Level

- Complete all of the following
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information. Prerequisite for CCJ 4746 is CCJ 4701
 - Complete the following:
 - CJE3001 - Careers in Criminal Justice (4)
 - CCJ3024 - Criminal Justice System (3)
 - CCJ3014 - Crime in America (3)
 - CCJ4678 - Race, Ethnicity, Equity, and (In)justice (3)
 - CCJ4701 - Research Methods in Criminal Justice (4)
 - CCJ4746 - Data Analysis for Criminal Justice (4)
 - CJE4014 - Police and Society (3)
 - CJL3510 - Prosecution and Adjudication (3)
 - CJC3010 - Corrections and Penology (3)
 - CCJ4054 - Capstone: Criminal Justice Ethics (3)

Restricted Electives

27 Total Credits

- Complete all of the following
 - Criminal Justice Upper Level Electives
 - Earn at least 18 credits from the following types of courses:
18 hours of upper division criminal justice course work. Seniors can satisfy up to six hours of this requirement with internship and up to six hours with directed independent study; however, the combination of these non-class options shall not exceed nine hours. Program standards must be met to be eligible for either internship or independent study credit.
 - Supporting Electives
 - Earn at least 9 credits from the following types of courses:
9 additional semester hours of supporting courses to be selected from an approved list provided by the department. These courses may vary from student to student depending upon individual needs or objectives, but include selected courses from public administration, legal studies, sociology, statistics, and psychology. The supporting course requirements may also be met by using a portion of the completed hours from a minor in another program approved by the department.

Grand Total Credits: **60**

Program Details

Common Program Prerequisites (CPP)

- None

Core Requirements: Basic Level

- None

Electives

- None

Foreign Language Requirements Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- Students pursuing the B.A. degree must demonstrate proficiency in a foreign language equivalent to one year at college level. Proficiency equivalent to two semesters of college instruction in a foreign language or in American Sign Language (ASL). Standardized examinations for foreign languages may be used. The foreign language credits may be used toward the 9 hour supporting course requirement. ASL proficiency is met by successful completion of ASL 2140 and ASL 2150 or an appropriate score on the ASL proficiency exam. Contact the Department of Communication Sciences and Disorders (<https://healthprofessions.ucf.edu/csd/>) regarding the ASL proficiency examination.

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- Students must take a minimum of 36 hours of upper-division CJ credit from the UCF Criminal Justice department to obtain the UCF degree in Criminal Justice.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 48 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information Honors In Major

- Interested students should consult with a faculty advisor.

Related Programs

- Political Science, Prelaw Track (B.A.)

Certificates

- Crime Analysis and Crime Mapping Certificate
- Criminal Profiling Certificate
- Security Management Certificate
- Crime Scene Investigation Certificate
- Victim Advocacy Certificate
- Criminal Justice Management and Leadership Certificate

Related Minors

- Intelligence and National Security Minor
- Public Administration Minor
- Psychology Minor
- Emergency Management and Homeland Security Minor

Advising Notes

- Grades below a "C" (2.0) are not accepted in the core.

Transfer Notes

- Grades below a "C" (2.0) are not accepted in the core.
- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oegas.ucf.edu/alc/academic_learning_compacts.htm

Plan of Study

Freshman Year - Fall (12 Credit Hours)

1. ENC 1101 Composition I
2. [After]
 - GEP Math **Credit Hours: 3**
3. [After]
 - GEP Social **Credit Hours: 3**
4. [After]
 - GEP Historical **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

1. ENC 1102 Composition II
2. [After]
 - GEP Math **Credit Hours: 3**
3. [After]
 - GEP Science **Credit Hours: 3**
4. [After]
 - GEP Cultural **Credit Hours: 3**
5. [After]
 - GEP Social **Credit Hours: 3**

Sophomore Year - Fall (16 Credit Hours)

1. [Before]
 - GEP Communication **Credit Hours: 3**
2. [Before]
 - GEP Historical **Credit Hours: 3**
3. [Before]
 - GEP Science **Credit Hours: 3**

4. [Before]
 - Free Elective **Credit Hours: 3**
5. CJE 3001 Careers in Criminal Justice

Sophomore Year - Spring (12 Credit Hours)

Free Elective **Credit Hours: 3**

1. CCJ 3014 Crime in America
2. CCJ 3024 Criminal Justice System
3. [After]
 - Supporting Elective **Credit Hours: 3**

Sophomore Year - Summer (6 Credit Hours)

- Core Course (CJE 4014, CJL 3510, CJC 3010) **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Junior Year - Fall (16 Credit Hours)

1. [Before]
 - Core Course (CJE 4014, CJL 3510, CJC 3010)
2. CCJ 4026 Race, Ethnicity, Equity and (In)justice
3. CCJ 4701 Research Methods in Criminal Justice
4. [Before]
 - Supporting Elective **Credit Hours: 3**
5. [After]
 - CJ Restricted Elective **Credit Hours: 3**

Junior Year - Spring (13 Credit Hours)

Supporting Elective Credit Hours: 3

1. [Before]
 - Core Course (CJE 4014, CJL 3510, CJC 3010)
2. CCJ 4746 Data Analysis for Criminal Justice
3. [After]
 - Restricted Elective **Credit Hours: 3**

Junior Year - Summer (6 Credit Hours)

1. CCJ 4054 Capstone: Criminal Justice Ethics
2. [After]
 - Free Elective **Credit Hours: 3**

Senior Year - Fall (12 Credit Hours)

- Restricted Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

- Free Elective **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

1 If necessary

- Free Elective **Credit Hours: 3** 1
- Free Elective **Credit Hours: 3** 1
- Restricted Elective **Credit Hours: 3**
- Restricted Elective or Criminal Justice Internship. The department strongly encourages the internship experience. **Credit Hours: 3**

Criminal Justice Management and Leadership Certificate

College

College of Community Innovation and Education

Department

Department of Criminal Justice

Program Type

Certificate

Program Description

College of Community Innovation and Education

Department of Criminal Justice

Health Sciences I (HS1), 311

407-823-2603

cjadvise@ucf.edu

Lecturer: Todd.Bricker@ucf.edu

Management and Leadership skills are required for personnel seeking to move into positions of authority within criminal justice agencies across local, state, federal and international jurisdictions. Leaders of these agencies should be prepared to meet the challenges of the 21st century regarding administration of human resources, personnel supervision, development, implementation and evaluation of policies, and fiscal management including budgeting and planning. The Undergraduate Certificate in Criminal Justice Management and Leadership is designed to provide a theoretical and practical knowledge-base for students with a desire to gain skills necessary to advance their careers in criminal justice agencies. This certificate requires 18 credits of undergraduate coursework. Four of the courses are in Criminal Justice and two are in Public Administration.

Certificate will be awarded only at the time of degree completion.

Admission Requirements

- Undergraduate degree seeking student

Certificate Requirements

- Students are required to declare the certificate and take courses as specified below

Prerequisite Courses

- See course catalog for specific requirements

Degree Requirements

15 Total Credits

- Complete all of the following
 - Required Courses
 - Complete the following:
 - CJE4352 - Policy Development in Law Enforcement (3)
 - CJE4572 - Justice Agency Operations (3)
 - CCJ3450 - Criminal Justice Management and Liability Issues (3)
 - Restricted Electives
 - Complete at least 2 of the following:
 - PAD3003 - Public Administration in American Society (3)
 - PAD4104 - Administrative Theory (3)
 - PAD4204 - Fiscal Management (3)
 - PAD4446 - Multiculturalism in Public Administration (3)

Grand Total Credits: **15**

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 15

Other Requirements

- Students must earn a grade of "C" or better in each course in the certificate program
- At least 12 hours used in the certificate must be earned at UCF within the department
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit cannot be used toward the certificate.
- Course substitutions must be approved by both departments in advance.

Criminal Justice Minor

College

College of Community Innovation and Education

Department

Department of Criminal Justice

Program Type

Minor

Program Description

College of Community Innovation and Education
Criminal Justice Department
Health Sciences I (HS1), 311
407-823-2603
cjadvice@ucf.edu

Associate Professor and Undergraduate Program Coordinator: Dr. Cory Watkins

Cory.Watkins@ucf.edu

Minor Admission Requirements

- None

Minor Requirements

- Students must earn a grade of "C" (2.0) or better in each required course used to satisfy the minor.
- Grades less than "C" (2.0) cannot be used towards the minor.

Prerequisite Courses

- None

Degree Requirements

18 Total Credits

- Complete all of the following
 - Required Courses
 - Complete the following:
 - CCJ3024 - Criminal Justice System (3)
 - CCJ3014 - Crime in America (3)
 - Restricted Electives
 - Complete at least 2 of the following:
 - CJL3510 - Prosecution and Adjudication (3)
 - CJC3010 - Corrections and Penology (3)
 - CJE4014 - Police and Society (3)
 - Earn at least 6 credits from the following types of courses:
Criminal Justice courses (selected with aid of an advisor)

Grand Total Credits: **18**

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

Other Requirements

- At least 15 hours used in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit cannot be used toward the minor.

Criminal Justice, Scholars' Track (B.A. or B.S.)

College

College of Community Innovation and Education

Department

Department of Criminal Justice

Program Type

Major

Program Description

College of Community Innovation and Education

Criminal Justice Department

Health Sciences I (HS1), 311

407-823-2603

cjadvice@ucf.edu

Associate Professor and Undergraduate Program Coordinator: Dr. Cory Watkins

Cory.Watkins@ucf.edu

Admission Requirements

- An application is required. Minimum major and overall GPA of 3.2 for Admission.
- Applicant must declare this specific track with the aid of an advisor
- A grade of "B" (3.0) or better in ENC 1101 and ENC 1102 is required.
- Students whose major and overall GPA falls below 3.2 out of a possible 4.0 will not be permitted to continue in the track and will be transferred to the Criminal Justice BA/BS degree.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students should complete the General Education Program before transferring within the Florida College System or State University System.
- The courses designated in section 1 below may be taken at a Florida College System institution, and should usually be completed in the first 60 hours.
- Students must complete three (3) Criminal Justice graduate courses (5XXX), each with a grade of "B" (3.0) or better for a total of nine (9) credit hours; courses are selected under the direction of an advisor.
- Students must earn a grade of "C" (2.0) or better in each core course, and have an average overall GPA of 2.0 or better in courses used toward the restricted electives.

General Education (GEP)

Communication Foundations

9 Total Credits

- Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

Cultural and Historical Foundations

9 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:

GEP 4- Historical & Cultural Foundation

- AMH2010 - U.S. History: 1492-1877 (3)
- EUH2000 - Western Civilization I (3)
- EUH2001 - Western Civilization II (3)
- HUM2020 - Encountering the Humanities (3)
- HUM2210 - Studies in Culture: Ancient to 17th Century (3)
- HUM2230 - Studies in Culture: 17th Century to Present (3)
- WOH2012 - World Civilization I (3)
- WOH2022 - World Civilization II (3)

- Complete at least 1 courses from the following:

GEP 5- Historical & Cultural Foundation

- ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
- ARH2050 - History of Western Art I (3)
- ARH2051 - History of Western Art II (3)
- FIL1000 - Cinema Survey (3)
- FIL2030 - History of Motion Pictures (3)
- FIL3036 - Film History I (3)
- FIL3037 - Film History II (3)
- LIT2110 - World Literature I (3)
- LIT2120 - World Literature II (3)
- MUH2017 - Survey of Rock Music (3)
- MUH2019 - American Popular Music, 1840s-present (3)
- MUL2016 - Evolution of Jazz (3)
- MUL2720 - Music of the World (3)
- PHI2010 - Introduction to Philosophy (3)
- REL2300 - World Religions (3)
- THE2000 - Theatre Survey (3)
- MUL2010 - Enjoyment of Music (3)

- Earn at least 3 credits from the following types of courses:

GEP 6: Take one additional course from either Cultural and Historical Foundation, Area 1 or 2.
Consider that some courses also partially satisfy the Gordon Rule requirement.

Mathematical Foundations

6 - 7 Total Credits

- Complete all of the following

- Complete at least 1 courses from the following:

GEP 7- Mathematical Foundation

- MAC1105C - College Algebra (3)
- MAC2311C - Calculus with Analytic Geometry I (4)
- MGF1106 - Finite Mathematics (3)
- MGF1107 - Explorations in Mathematics (3)

- Complete at least 1 courses from the following:

GEP 8- Mathematical Foundations

- CGS2100C - Computer Fundamentals for Business (3)
- COP2500C - Concepts in Computer Science (3)
- COP3502C - Computer Science I (3)
- COT3100C - Introduction to Discrete Structures (3)
- STA2014 - Principles of Statistics (3)
- STA2023 - Statistical Methods I (3)
- STA3032 - Probability and Statistics for Engineers (3)
- CGS1060C - Introduction to Computers (3)

Social Foundations

6 Total Credits

- Complete all of the following

- Complete at least 1 courses from the following:

GEP 9- Social Foundation

- ANT2000 - General Anthropology (3)
- HSA2117 - Civic Engagement in the US Healthcare System (3)
- PSY2012 - General Psychology (3)
- SYG2000 - Introduction to Sociology (3)

- Complete at least 1 courses from the following:

GEP 10- Social Foundation

- AMH2020 - U.S. History: 1877-Present (3)
- ECO2013 - Principles of Macroeconomics (3)
- ECO2023 - Principles of Microeconomics (3)
- POS2041 - American National Government (3)

Science Foundations

6 - 8 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - Complete at least 1 courses from the following:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36 - 39**

Degree Requirements

Core Requirements: Advanced Level
33 Total Credits

- Complete all of the following
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information.
 - Complete the following:
 - CJE3001 - Careers in Criminal Justice (4)
 - CCJ3014 - Crime in America (3)
 - CCJ3024 - Criminal Justice System (3)
 - CCJ4701 - Research Methods in Criminal Justice (4)
 - CJL3510 - Prosecution and Adjudication (3)
 - CJC3010 - Corrections and Penology (3)
 - CJE4014 - Police and Society (3)
 - CCJ4678 - Race, Ethnicity, Equity, and (In)justice (3)
 - CCJ4746 - Data Analysis for Criminal Justice (4)
 - CCJ4054 - Capstone: Criminal Justice Ethics (3)

Restricted Electives
27 Total Credits

- Complete all of the following
 - Earn at least 9 credits from the following types of courses:
Scholars' Track - Students must complete three (3) Criminal Justice graduate courses (5XXX), each with a grade of "B" (3.0) or better for a total of nine (9) credit hours; courses are selected under the direction of an advisor.
 - Earn at least 9 credits from the following types of courses:
9 additional semester hours of upper division criminal justice (CCJ, CJC, CJE, CJJ, CJL, CJT, DSC or SCC) undergraduate course work. Seniors may satisfy up to six hours of this requirement with internships and up to six hours with directed independent study; however, the combination of these non-class options shall not exceed nine hours. Program standards must be met to be eligible for either internships or independent study credit. Participation in Honors in the Major also recommended.
 - Earn at least 9 credits from the following types of courses:
9 additional semester hours of non-criminal justice supportive electives. These courses may vary from student to student depending upon individual needs or objectives, but included selected courses from public administration, sociology, statistics, and psychology. The supporting course requirements may also be met by using 9 hours from a completed minor in another program approved by the department.

Grand Total Credits: **60**

Program Details

Common Program Prerequisites (CPP)

- None

Core Requirements: Basic Level

- None

Electives

-
- None

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- Students pursuing the B.A. degree must demonstrate proficiency in a foreign language equivalent to one year at college level. Proficiency equivalent to two semesters of college instruction in a foreign language or in American Sign Language (ASL). Standardized examinations for foreign languages may be used. The foreign language credits may be used toward the 9 hour supporting course requirement. ASL proficiency is met by successful completion of ASL 2140 and ASL 2150 or an appropriate score on the ASL proficiency exam. Contact the Department of Communication Sciences and Disorders (<https://healthprofessions.ucf.edu/csd/>) regarding the ASL proficiency examination.

Additional Requirements

- Students whose overall GPA falls below 3.2 out of a possible 4.0 will not be permitted to continue in the track and will be transferred to the Criminal Justice BA/BS degree

Required Minors

- None

Departmental Exit Requirements

- Students must take a minimum of 36 hours of upper-division CJ credit from the UCF Criminal Justice department to obtain the UCF degree in Criminal Justice.
- Students must maintain an overall GPA of 3.2 out of a possible 4.0.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.

- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- Interested students should consult with a faculty advisor.

Related Programs

- Public Administration (B.A. or B.S.)
- Political Science, Prelaw Track (B.A.)

Certificates

- Crime Analysis and Crime Mapping Certificate
- Criminal Profiling Certificate
- Security Management Certificate
- Crime Scene Investigation Certificate
- Victim Advocacy Certificate
- Criminal Justice Management and Leadership Certificate

Related Minors

- Intelligence and National Security Minor
- Public Administration Minor
- Psychology Minor
- Emergency Management and Homeland Security Minor

Advising Notes

- Grades below a "C" (2.0) are not accepted in the core.

Transfer Notes

- Grades below a "C" (2.0) are not accepted in the core.
- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oemas.ucf.edu/alac/academic_learning_compacts.htm

Plan of Study

Freshman Year - Fall (12 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- GEP Math **Credit Hours: 3**
- GEP Social **Credit Hours: 3**
- GEP Historical **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- GEP Math **Credit Hours: 3**
- GEP Science **Credit Hours: 3**
- GEP Social **Credit Hours: 3**
- GEP Cultural **Credit Hours: 3**

Sophomore Year - Fall (16 Credit Hours)

- GEP Communication **Credit Hours: 3**
- CJE 3001 - Careers in Criminal Justice **Credit Hours: 4**
- GEP Historical **Credit Hours: 3**
- GEP Science **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Sophomore Year - Spring (12 Credit Hours)

- CCJ 3014 - Crime in America **Credit Hours: 3**
- CCJ 3024 - Criminal Justice System **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- Supporting Elective **Credit Hours: 3**

Sophomore Year - Summer (6 Credit Hours)

- Core Course (CJE 4014, CJL 3510, CJC 3010) **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Junior Year - Fall (16 Credit Hours)

- Admissions to scholars track requires 3.2 overall GPA
- CCJ 4701 - Research Methods in Criminal Justice **Credit Hours: 4**
- Supporting Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Core Course (CJE 4014, CJL 3510, CJC 3010) **Credit Hours: 3**
- CCJ 4678 - Race, Ethnicity, Equity, and (In)justice **Credit Hours: 3**

Junior Year - Spring (13 Credit Hours)

- CCJ 4746 - Data Analysis for Criminal Justice **Credit Hours: 4**
- Scholar's Track: Criminal Justice graduate course (5XXX) **Credit Hours: 3**
- Supporting Elective **Credit Hours: 3**
- Core Course (CJE 4014, CJL 3510, CJC 3010) **Credit Hours: 3**

Junior Year - Summer (6 Credit Hours)

- CCJ 4054 - Capstone: Criminal Justice Ethics **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Senior Year - Fall (12 Credit Hours)

- Scholar's Track: Criminal Justice graduate course (5XXX) **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- Scholar's Track: Criminal Justice graduate course (5XXX) **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- **Free Elective Credit Hours: 3**
- Restricted Elective or Criminal Justice Internship **Credit Hours: 3** (The department strongly encourages internships.)

Criminal Profiling Certificate

College

College of Community Innovation and Education

Department

Department of Criminal Justice

Program Type

Certificate

Program Description

College of Community Innovation and Education
Criminal Justice Department
Health Sciences I (HS1), 311
407-823-2603
cjadvice@ucf.edu

Senior Lecturer: Dr. Mark Winton
Mark.Winton@ucf.edu

New and more sophisticated techniques and tools of criminal investigation are being developed to assist in meeting the challenges facing today's law enforcement officers. One area that is becoming formalized in law enforcement is criminal profiling. The certificate program in Criminal Profiling is a way of organizing the fundamental information and education required for profiling. It provides both the theoretical and practical information related to the types of crimes for which profiling is most useful. The program requires 15 credit hours of undergraduate work. Certificates will be awarded only at the time of degree completion. This certificate can be completed online and is therefore open to UCF online students.

Certificate Admission Requirements

- None

Certificate Requirements

- Students are required to take courses as specified below and to declare the Certificate.

Prerequisite Courses

- There are no certificate program prerequisites; however individual courses may have prerequisites.

Degree Requirements

15 Total Credits

- Complete all of the following
 - Required Courses
 - Complete the following:
 - CJE4630 - Serial Murder and Criminal Justice (3)
 - CCJ4690 - Sex Offenders and the Criminal Justice System (3)
 - CCJ3604 - Mental Illness, Crime and Criminal Justice (3)
 - CJE4012 - Criminal Profiling in Criminal Justice (3)
 - Restricted Electives
 - Complete at least 1 of the following:
 - DSC4012 - Terrorism (3)
 - CJE4610 - Criminal Investigation (3)
 - CCJ4195 - Interviews & Interrogations in CJ (3)
 - CLP3143 - Abnormal Psychology (3)

Grand Total Credits: **15**

Program Details

Foreign Language Requirements

- None

Other Requirements

- A minimum overall GPA of 2.0 is required in courses used to satisfy the certificate.
- At least 12 hours used in the certificate must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit cannot be used toward the certificate.
- Course substitutions must be approved by the department in advance.

Early Childhood Development and Education Minor

College

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Minor

Program Description

College of Community Innovation and Education
School of Teacher Education
Education Complex and Gym (ED), 209
407-823-5791

Associate Lecturer and Academic Program Coordinator: Dr. Judy Levin

Education Complex and Gym (ED), 122L

407-823-4615

Judith.Levin@ucf.edu

The Early Childhood Development and Education minor is intended to provide a limited, but substantive experience in the fields of development and early childhood education. The minor is intended for University students enrolled outside the Early Childhood Development and Education major and does not lead to teacher certification or admission to the College of Community Innovation and Education. The minor is appropriate for students who are seeking an enhanced understanding of education and development or are considering a career working with young children in the fields of early childhood education, social work, psychology or health services. This minor will strengthen the marketability of the student's major program. This minor is available for students in the 2003 catalog year and beyond.

Minor Admission Requirements

- Complete the University General Education Program requirements or its equivalent, i.e. an A.A. degree from an approved Florida College System or State University System institution.
- A minimum overall GPA of 2.75.
- No credit by exam (CLEP, Military credit) may be used. Transfer credits from other universities will be considered.

Minor Requirements

- Must maintain a minimum overall MINOR GPA of 2.75.
- At least 12 hours used in the minor must be earned at UCF.
- Once the Early Childhood Development and Education Minor has been declared and approved, Early Childhood Development and Education Minor students must schedule an appointment with their program advisor listed on their ECDE Minor degree audit.
- NOTE: Completion of the Early Childhood Development and Education Minor does not complete the requirements for certification in Early Childhood Development.

Prerequisite Courses

- None

Degree Requirements

21 Total Credits

- Complete all of the following
 - Required Courses
 - Complete the following:
 - EEC4661 - Early Childhood Education Theory and Practice: (3)
 - EEC4604 - Classroom Management and Guidance of Young Children (3)
 - EEC3700 - Social and Emotional Development of Young Children (3)
 - EEX3450 - Young Children With Special Needs (3)
 - EEC4268 - Curriculum Activities in Early Childhood (3)
 - Restricted Electives
 - Complete at least 2 of the following:
 - EEC4303 - Planning Creative Activities in Early Childhood Education (3)
 - EEC4207 - Assessment and Evaluation of Young Children (3)
 - EEC4402 - Cultural and Family Systems (3)
 - EEC4414 - Parent-Child Relations (3)
 - EEC4744 - Child Life: Psychosocial Care of Children in Health Settings (3)

Grand Total Credits: 21

Program Details

Required Courses (15 Credit Hours)

- EEC 4661 - Early Childhood Education Theory and Practice: **Credit Hours: 3**
- EEC 4604 - Classroom Management and Guidance of Young Children **Credit Hours: 3**
- EEC 3700 - Social and Emotional Development of Young Children **Credit Hours: 3**
- EEX 3450 - Young Children With Special Needs **Credit Hours: 3**
- EEC 4268 - Curriculum Activities in Early Childhood **Credit Hours: 3**

Restricted Electives (6 Credit Hours)

Choose Two: (6 Credit Hours)

- EEC 4303 - Planning Creative Activities in Early Childhood Education **Credit Hours: 3**
- EEC 4207 - Assessment and Evaluation of Young Children **Credit Hours: 3**
- EEC 4402 - Cultural and Family Systems **Credit Hours: 3**
- EEC 4414 - Parent-Child Relations **Credit Hours: 3**
- EEC 4744 - Child Life: Psychosocial Care of Children in Health Settings **Credit Hours: 3**

Foreign Language Requirements

- None

Other Requirements

- None

Early Childhood Development and Education, Track 1: Education, Pre-Kindergarten - Primary (PK-3) (B.S.)

College

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Major

Program Description

College of Community Innovation and Education
School of Teacher Education
Education Complex and Gym (ED), 209
407-823-5791

Associate Lecturer and Academic Program Coordinator: Dr. Judy Levin

Education Complex and Gym (ED), 122L

407-823-4615

Judith.Levin@ucf.edu

EDUCATION: PRE-KINDERGARTEN-PRIMARY (PK-3) TRACK Early Childhood Development and Education majors take a variety of courses related to young children and their learning, development, and family environment. Students in the Education: Pre-Kindergarten-Primary (Pre-K-3rd) Track are working toward teacher certification in Pre-Kindergarten-Primary (PK-3) with ESOL Endorsement and Reading Endorsement. Students in this track take a series of core and specialization courses to prepare them to teach in the schools and to demonstrate mastery of the Florida Educator Accomplished Practices (FEAP). Early and continuous field experiences are provided to enhance the students in this track with an integration of theory and practice in school settings. This degree culminates in a semester-long internship.

This Pre-Kindergarten-Primary (PK-3) track has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit <https://apq.ucf.edu/files/Licensure-Disclosure-CCIE-Early-Childhood-PK3-BS.pdf>

Admission Requirements

- Complete the University General Education requirements or its equivalent, i.e. an AA degree from an approved Florida College System or State University System institution.
- Have a minimum 2.75 overall GPA, with provisional acceptance for one semester if GPA is 2.5 (GPA must be 2.75 by the second semester).
- Complete all Education Common Program Prerequisite courses with a minimum grade of "C" (2.0) or better.
- Pass all four parts of the General Knowledge Test.
- Meet the Gordon Rule Requirement.
- Meet Foreign Language Admission Requirement.

Degree Requirements

- Students must seek advising through the Early Childhood Development and Education staff in the Education Complex, Suite 122 or by email (ece@mail.ucf.edu) prior to registering for classes.
- The courses designated in 1. (General Education) and 2. (Education Common Program Prerequisites) should be completed prior to admission to the major and upper division education courses.
- Students must earn a "C" (2.0) or better in each required Early Childhood Development and Education course. However, a minimum overall 2.75 GPA in all courses within the major is required.
- Passing scores on ALL three sections of the Florida Teacher Certification Examination (FTCE). See <http://www.fldoe.org> for available test dates and test sites. FTCE General Knowledge Test (GKT)-passing scores on the GKT is required prior to admission to the major. FTCE Professional Education Test (PEd) and Subject Area Examination (SAE-Prekindergarten/Primary PK-3) are required prior to entry into Internship.
- FTCE General Knowledge Test (GKT) - passing scores on the GKT are strongly recommended prior to semester 1 of the junior year and required for admission into the Early Childhood Development and Education, Track 1-Education: Pre-Kindergarten-Primary (Pre-K-3rd).
- FTCE Professional Education Test (PEd) and Subject Area Examination (SAE-Prekindergarten/Primary PK-3) are required prior to entry into Internship.
- This is a state-approved, initial teacher preparation program designed in compliance with Florida Statutes and State Board of Education Rule 6A-5.066. Degree requirements are subject to change based on state mandates.

General Education (GEP)

Communication Foundations
9 Total Credits

- Complete all of the following
 - Students are advised to take the preferred courses.
 - Complete all courses from the following:

- GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - SPC 1608 preferred for GEP 3

Cultural and Historical Foundations

9 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - MUL 2010 or PHI 2010 or THE 2000 are preferred for GEP 5
 - Earn at least 3 credits from the following types of courses:
 - GEP 6: Take one additional course from either Cultural and Historical Foundation, Area 1 or 2.
 - Consider that some courses also partially satisfy the Gordon Rule requirement. A second course from Cultural & Historical Foundations, Area 1 is preferred for GEP 6

Mathematical Foundations

6 - 7 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - Complete at least 1 courses from the following:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)

- COT3100C - Introduction to Discrete Structures (3)
- STA2014 - Principles of Statistics (3)
- STA2023 - Statistical Methods I (3)
- STA3032 - Probability and Statistics for Engineers (3)
- CGS1060C - Introduction to Computers (3)
- STA 2014 preferred for GEP 8

Social Foundations

6 Total Credits

- Complete all of the following
 - PSY 2012 and POS 2041 preferred for GEP 9 and 10
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundations

6 - 8 Total Credits

- Complete all of the following
 - ANT 2511 and BSC 1005 are preferred for GEP 11 and 12.
 - Complete at least 1 courses from the following:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - Complete at least 1 courses from the following:
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

CPP

9 Total Credits

- Complete all of the following
 - A grade of "C" (2.0) or better is required. In addition to EDF 2085, a minimum of 6 hours with an international or diversity focus is required. The foreign language admission requirement may be used to meet this requirement.
 - Complete the following:
 - EDF2005 - Introduction to the Teaching Profession (3)
 - EDF2085 - Introduction to Diversity for Educators (3)
 - EME2040 - Introduction to Technology for Educators (3)

Grand Total Credits: 9

Degree Requirements

Core Requirements: Basic Level: Other Program Prerequisites

15 Total Credits

- Complete all of the following
 - A grade of "C" (2.0) or better is required. Note for EDF2130: Courses taken at Florida College System institutions may substitute for select courses in Other Program Requirements with the permission of the department
 - Complete the following:
 - EDF2130 - Child and Adolescent Development for Educators (3)
 - EEC2732 - Health, Safety, and Nutrition for Young Children (3)
 - MAE3310 - Elementary Mathematics for Teaching I (3)
 - Earn at least 3 credits from the following types of courses:
Elective
 - Complete at least 1 of the following:
 - ARE2000 - Early Childhood Art and Creativity (3)
 - MUE2211 - Early Childhood Music and Movement (3)

Core Requirements: Advanced Level

0 Total Credits

- All methods/specialization/foundations courses must be completed with a letter grade of "C" (2.0) or better before registering for Internship. However, a minimum GPA of 2.75 is required in the education core/professional, specialization and overall for admission to Internship. A grade of "C" (2.0) or better is required.

Semester I

15 Total Credits

- Complete all of the following
 - Passing score on the General Knowledge Test portion of the Florida Teacher Certification Examination (FTCE) is required prior to application to admission to the major.
 - Complete the following:
 - EEC3700 - Social and Emotional Development of Young Children (3)
 - EEC4661 - Early Childhood Education Theory and Practice: (3)
 - EEX4751 - Parent Involvement in Education (3)
 - TSL4080 - Theory and Practice of Teaching ESOL Students in Schools (3)
 - EEC4268 - Curriculum Activities in Early Childhood (3)

Semester II

15 Total Credits

- Complete all of the following
 - Passing score on the Professional Education Test portion of the Florida Teacher Certification Examination (FTCE) is strongly recommended to be taken prior to Semester III, and it is required to be taken and passed during Semester III.
 - Complete the following:

- EEC4604 - Classroom Management and Guidance of Young Children (3)
- EEC4207 - Assessment and Evaluation of Young Children (3)
- TSL4240 - Issues in Second Language Acquisition (3)
- EEX3450 - Young Children With Special Needs (3)
- RED3310 - Early Reading, Writing and Language Arts (3)

Summer

6 Total Credits

- Complete all of the following
 - Passing scores on all sections [General Knowledge, Professional, and Subject Area (Pre-kindergarten/Primary PK -3)] of the Florida Teacher Certification Examination (FTCE) are required prior to entry into Internship.
 - Complete the following:
 - EEC4303 - Planning Creative Activities in Early Childhood Education (3)
 - RED3012 - Basic Foundations of Reading (3)

Semester III

12 Total Credits

- Complete all of the following
 - Based on recommendations below, the student should achieve a passing score on all applicable sections of the Florida Teacher Certification Examination prior to entry into Student Teaching (EEC 4943 - Student Teaching). Students must apply and be approved for Internship. Deadline dates and placement application are available through the Office of Clinical & Field Experiences at <https://ccie.ucf.edu/clinicaexp/>. A fee may be required as part of the placement application process
 - Complete the following:
 - MAE4300 - Math Curriculum and Assessment in Early Childhood (3)
 - SCE4304 - Teaching Science and Technology to Young Children (3)
 - RED4311 - Primary Reading, Writing, and Language Arts Curriculum and Assessment (3)
 - EEC4235C - Early Childhood Education Seminar: Bridging Theory to Practice (3)

Semester IV

12 Total Credits

- Complete all of the following
 - Satisfactory completion of Internship requires the student to demonstrate proficiency in all Florida Educator Accomplished Practices in accordance with State Board of Education Rule 6A-5.066. Deadline dates and placement application are available through the Office of Clinical & Field Experiences at <https://ccie.ucf.edu/clinicaexp/>. A fee may be required as part of the placement application process
 - Complete the following:
 - EEC4943 - Student Teaching (12)

Grand Total Credits: **75**

Program Details

Restricted Electives

- None

Capstone Requirements

- None

Electives

-
- None

Foreign Language Requirements

Admissions

- State University System foreign language admission requirement: Two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- Achieve a minimum overall 2.75 GPA in all courses within the major.
- Achieve a minimum 2.75 GPA in the specialization coursework.
- Achieve a minimum 2.75 GPA in the education core coursework.
- Achieve a minimum overall 2.75 GPA
- You must upload key assignments using the Via by Watermark platform. Key assignments are assessed by faculty to provide evidence of candidate proficiency in all Florida Educator Accomplished Practices (FEAPs).
- All teacher education candidates, Lifelong Learning majors and Early Childhood Development and Education majors (all ECDE tracks) are required to complete Via requirements before being certified for graduation. See <https://ccie.ucf.edu/explore-via/>.
- Complete ESOL standards assessment tracking requirements in Via by LiveText for the ESOL endorsement
- Pass all applicable sections of the Florida Teacher Certification Examination. See <http://www.fldoe.org> for test dates and test sites. Effective January 1, 2015, only examination results earned by educators within 10 years prior to the date of application for a new Florida Educator's Certificate with the Florida Department of Education may be acceptable for certification eligibility requirements (SBE Rule 6A-4.002)

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed

- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- None

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oegas.ucf.edu/alc/academic_learning_compacts.htm

Plan of Study

- This recommended sequence may vary at selected regional campus locations. Consult with your Education advisor and review your degree audit for more recent information.

Freshman Year - Fall (12 Credit Hours)

- EDF 2005 - Introduction to the Teaching Profession **Credit Hours: 3**
- ENC 1101 - Composition I **Credit Hours: 3**
- MGF 1106 - Finite Mathematics **Credit Hours: 3**
- PSY 2012 - General Psychology **Credit Hours: 3**

Freshman Year - Spring (12 Credit Hours)

- EDF 2085 - Introduction to Diversity for Educators **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**
- PSC 1121 - Physical Science **Credit Hours: 3**

Select One: (3 Credit Hours)

- MUL 2010 - Enjoyment of Music **Credit Hours: 3**
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3**
- THE 2000 - Theatre Survey **Credit Hours: 3**

Freshman Year - Summer (6 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3**

Select One: (3 Credit Hours)

- ARE 2000 - Early Childhood Art and Creativity **Credit Hours: 3**
- MUE 2211 - Early Childhood Music and Movement **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- EME 2040 - Introduction to Technology for Educators **Credit Hours: 3**
- STA 2014 - Principles of Statistics **Credit Hours: 3**
- Cultural & Historical Foundation, Area 1 Elective **Credit Hours: 3**
- BSC 1005 - Biological Principles **Credit Hours: 3**

Select One: (3 Credit Hours)

- BSC 1005 - Biological Principles **Credit Hours: 3**
- ANT 2511 - The Human Species **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

1 Courses taken at Florida College System institutions may substitute for select courses with the permission of the department.

- EDF 2130 - Child and Adolescent Development for Educators **Credit Hours: 3** 1
- EEC 2732 - Health, Safety, and Nutrition for Young Children **Credit Hours: 3**
- Cultural & Historical Foundation, Area 3 Elective (Prefer course from Cultural & Historical Foundation, Area 1) **Credit Hours: 3**
- Elective **Credit Hours: 3**
- MAE 3310 - Elementary Mathematics for Teaching I **Credit Hours: 3**

Sophomore Year - Summer

- Satisfaction of the GKT is required for admission to the program and thus must be completed prior to the Junior Year. Refer to **<http://www.fldoe.org>** for test dates and sites.

Junior Year - Fall (15 Credit Hours)

Refer to **<http://www.fldoe.org>** for test dates and sites.

- EEC 3700 - Social and Emotional Development of Young Children **Credit Hours: 3**
- EEC 4661 - Early Childhood Education Theory and Practice: **Credit Hours: 3**
- EEX 4751 - Parent Involvement in Education **Credit Hours: 3**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**
- EEC 4268 - Curriculum Activities in Early Childhood **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- EEC 4604 - Classroom Management and Guidance of Young Children **Credit Hours: 3**
- EEC 4207 - Assessment and Evaluation of Young Children **Credit Hours: 3**
- TSL 4240 - Issues in Second Language Acquisition **Credit Hours: 3**
- EEX 3450 - Young Children With Special Needs **Credit Hours: 3**
- RED 3310 - Early Reading, Writing and Language Arts **Credit Hours: 3**

Junior Year - Summer (6 Credit Hours)

- EEC 4303 - Planning Creative Activities in Early Childhood Education **Credit Hours: 3**
- RED 3012 - Basic Foundations of Reading **Credit Hours: 3**
- Please note: Passing scores on the Professional Education Test (PEd) are required prior to entry into students' seminar semester (MAE 4300, SCE 4304, RED 4311, EEC 4235C).

Senior Year - Fall (12 Credit Hours)

- MAE 4300 - Math Curriculum and Assessment in Early Childhood **Credit Hours: 3**
- SCE 4304 - Teaching Science and Technology to Young Children **Credit Hours: 3**
- RED 4311 - Primary Reading, Writing, and Language Arts Curriculum and Assessment **Credit Hours: 3**
- EEC 4235C - Early Childhood Education Seminar: Bridging Theory to Practice **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

Please note: Passing scores on the PreKindergarten/Primary Subject Area Exam are required prior to entry into student teaching.

- EEC 4943 - Student Teaching **Credit Hours: 12**

Early Childhood Development and Education, Track 2: Early Childhood Development (B.S.)

College

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Major

Program Description

College of Community Innovation and Education
School of Teacher Education
Education Complex and Gym (ED), 209
407-823-5791

Associate Lecturer and Academic Program Coordinator: Dr. Judy Levin
Education Complex and Gym (ED), 122L
407-823-4615
Judith.Levin@ucf.edu

EARLY CHILDHOOD DEVELOPMENT TRACK Early Childhood Development majors take a variety of courses related to young children and their learning, development, and family environment. Students take a series of core and specialization courses to prepare them to work with children, parents, and families in a variety of settings. This degree culminates in a semester-long practicum.

Admission Requirements

- Complete the University General Education requirements or its equivalent, i.e. an AA degree from an approved Florida College System or State University System institution.
- Have a minimum 2.75 overall GPA, with provisional acceptance for one semester if GPA is 2.5 (GPA must be 2.75 by the second semester).
- Complete Child Development Common Program Prerequisite courses with a minimum letter grade of "C" (2.0) or better.
- Meet the Gordon Rule Requirement.
- Meet Foreign Language Admission Requirement.

Degree Requirements

- Students must seek advising through the Early Childhood Development and Education staff in the Education Complex, Suite 122 or by e-mail (ece@ucf.edu) prior to registering for classes.
- The courses designated in 1. (General Education) and 2. (Prerequisites) should be completed prior to admission to the major and upper division education courses.
- Students must earn a "C" (2.0) or better in each required Early Childhood Development and Education course. However, a minimum overall 2.75 GPA in all courses within the major is required.

General Education (GEP)

Communication Foundations
9 Total Credits

- Complete all of the following
 - Students are advised to take the preferred courses.
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation

- COM1000 - Introduction to Communication (3)
- SPC1603C - Fundamentals of Technical Presentations (3)
- SPC1608 - Fundamentals of Oral Communication (3)
- SPC 1608 preferred for GEP 3

Cultural and Historical Foundations

9 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - MUL 2010 or PHI 2010 or THE 2000 preferred for GEP 5
 - Earn at least 3 credits from the following types of courses:
GEP 6: Take one additional course from either Cultural and Historical Foundation, Area 1 or 2. Prefer a second course from GEP Cultural & Historical Foundation, Area 1. Consider that some courses also partially satisfy the Gordon Rule requirement.

Mathematical Foundations

6 - 7 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - Complete at least 1 courses from the following:
GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)

- STA 2014 preferred for GEP 8

Social Foundations

6 Total Credits

- Complete all of the following
 - PSY 2012 and POS 2041 preferred for GEP 9 and 10
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundations

6 - 8 Total Credits

- Complete all of the following
 - PSC 1121 and BSC 1005 are preferred for GEP 11 and 12
 - Complete at least 1 courses from the following:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - Complete at least 1 courses from the following:
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

CPP

6 Total Credits

- Complete all of the following
 - A grade of "C" (2.0) or better is required.
 - Complete the following:
 - EDF2085 - Introduction to Diversity for Educators (3)
 - Complete at least 1 of the following:
 - EDF2130 - Child and Adolescent Development for Educators (3)
 - SOW3104 - Human Behavior and the Social Environment I (3)
 - For students interested in a career as a Child Life Specialist, select EDF 2130.

Grand Total Credits: **6**

Degree Requirements

Core Requirements: Basic Level

18 Total Credits

- Complete all of the following
 - A grade of "C" (2.0) or better is required.
 - Complete the following:
 - MUE2211 - Early Childhood Music and Movement (3)
 - ARE2000 - Early Childhood Art and Creativity (3)
 - SYG2010 - Social Problems (3)
 - EEC2732 - Health, Safety, and Nutrition for Young Children (3)
 - Earn at least 6 credits from the following types of courses:
Select 6 hours of Restricted Electives with advisor approval.

Core Requirements: Advanced Level

0 Total Credits

- All methods/specialization/foundations courses must be completed with a letter grade of "C" (2.0) or better before registering for Practicum: Early Childhood Development. However, a minimum GPA of 2.75 is required in the professional, specialization and overall for admission to Practicum: Early Childhood Development. A grade of "C" (2.0) or better is required.

Semester I

15 Total Credits

- Complete the following:
 - EEC3700 - Social and Emotional Development of Young Children (3)
 - EEC4661 - Early Childhood Education Theory and Practice: (3)
 - EEC3613 - Observation and Assessment of Young Children (3)
 - EEC3214 - Child Development (3)
 - EEC3008 - Early Childhood Children's Literature (3)

Semester II

15 Total Credits

- Earn at least 15 credits from the following types of courses:
EEC 4604 - Classroom Management and Guidance of Young Children EEC 4402 - Cultural and Family Systems EEX 3450 - Young Children With Special Needs RED 3310 - Early Reading, Writing and Language Arts EEC 4414 - Parent-Child Relations

Semester III

6 Total Credits

- Complete the following:
 - EEC4303 - Planning Creative Activities in Early Childhood Education (3)
 - EEC4528 - Infant/Toddler Care and Education (3)

Semester IV
12 Total Credits

- Complete all of the following
 - Complete the following:
 - PET4050C - Motor Development and Learning (3)
 - Note: Students must consult with their advisor regarding approval for other elective options. A grade of "C" (2.0) or better is required.
 - Complete at least 3 of the following:
 - EEC4268 - Curriculum Activities in Early Childhood (3)
 - EEC4524 - Organization and Management in Early Childhood (3)
 - EXP3604 - Cognitive Psychology (3)
 - PEO3041 - Games Analysis (3)
 - PET3820 - Teaching Sports Skills I (3)
 - PET4710 - Methods for Physical Activity for Children and Adolescents (3)
 - TSL4080 - Theory and Practice of Teaching ESOL Students in Schools (3)
 - SOW4650 - Child Abuse: Treatment and Prevention (3)
 - SOW4654 - Children's Services (3)
 - EEC4744 - Child Life: Psychosocial Care of Children in Health Settings (3)
 - SOW3104 - Human Behavior and the Social Environment I (3)
 - EEX4751 - Parent Involvement in Education (3)
 - Course Not Found
 - EEX3221 - Assessment of Exceptional Students (3)
 - EEX3241 - Methods for Academic Skills for Exceptional Students (3)
 - EEX4066 - Curriculum, Theory and Instructional Strategies for Students with Special Needs (3)
 - EEX4601 - Introduction to Behavior Management (3)
 - PPE3003 - Personality Theory and Research (3)
 - SOP3004 - Social Psychology (3)
 - SOW3740 - Social Work Practice with Loss & Life's Transitions (3)

Semester V
12 Total Credits

- Complete the following:
 - EEC4940 - Practicum: Early Childhood Development (12)

Grand Total Credits: **78**

Program Details

Restricted Electives

- None

Capstone Requirements

- None

Electives

- None

Foreign Language Requirements

Admissions

- State University System foreign language admission requirement: Two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- Achieve a minimum overall 2.75 GPA in all courses within the major.
- Achieve a minimum 2.75 GPA in the education core coursework.
- Achieve a minimum 2.75 GPA in the specialization coursework.
- Achieve a minimum overall 2.75 GPA
- You must upload key assignments using the Via by Watermark platform. Key assignments are assessed by faculty to provide evidence of candidate proficiency in all Florida Educator Accomplished Practices (FEAPs).
- All teacher education candidates, Lifelong Learning majors and Early Childhood Development & Education majors (all ECDE tracks) are required to complete all Via requirements for graduation. See <https://ccie.ucf.edu/explore-via/>.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- In addition to EDF 2085, a minimum of 6 hours with an international or diversity focus is required. The foreign language admission requirement may be used to meet this requirement.
- Students interested in a Child Life Specialist Certification should seek advising from the ECDE program faculty for electives selection.
- Students interested in Child Life Specialist Certification: Take EEC 4744 - Child Life: Psychosocial Care of Children in Health Settings as an elective course

Transfer Notes

- Courses taken at Florida College System institutions may substitute for select courses in prerequisites with the permission of the department.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oegas.ucf.edu/alc/academic_learning_compacts.htm

Plan of Study

- Note: This recommended sequence may vary at selected regional campus locations. Consult with your Education advisor and review your degree audit for more recent information.

Freshman Year - Fall (12 Credit Hours)

- EDF 2085 - Introduction to Diversity for Educators **Credit Hours: 3**
- ENC 1101 - Composition I **Credit Hours: 3**
- MGF 1106 - Finite Mathematics **Credit Hours: 3**
- PSY 2012 - General Psychology **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- SYG 2010 - Social Problems **Credit Hours: 3**
- PSC 1121 - Physical Science **Credit Hours: 3**
- EEC 2732 - Health, Safety, and Nutrition for Young Children **Credit Hours: 3**

Select One: (3 Credit Hours)

- MUL 2010 - Enjoyment of Music **Credit Hours: 3**
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3**
- THE 2000 - Theatre Survey **Credit Hours: 3**

Freshman Year - Summer (6 Credit Hours)

- ARE 2000 - Early Childhood Art and Creativity **Credit Hours: 3**
- MUE 2211 - Early Childhood Music and Movement **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- BSC 1005 - Biological Principles **Credit Hours: 3**
- Cultural & Historical Foundation, Area 1 elective **Credit Hours: 3**
- Restricted Elective with Advisor approval **Credit Hours: 3**
- STA 2014 - Principles of Statistics **Credit Hours: 3**

Sophomore Year - Spring (12 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3**
- Cultural & Historical Foundation, Area 3 Elective (Prefer course from Cultural & Historical Foundation, Area 1) **Credit Hours: 3**
- Restricted Elective with Advisor approval **Credit Hours: 3**

Select One: (3 Credit Hours)

- EDF 2130 - Child and Adolescent Development for Educators **Credit Hours: 3**
- SOW 3104 - Human Behavior and the Social Environment I **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- EEC 3700 - Social and Emotional Development of Young Children **Credit Hours: 3**
- EEC 4661 - Early Childhood Education Theory and Practice: **Credit Hours: 3**
- EEC 3613 - Observation and Assessment of Young Children **Credit Hours: 3**

- EEC 3214 - Child Development **Credit Hours: 3**
- EEC 3008 - Early Childhood Children's Literature **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- EEC 4604 - Classroom Management and Guidance of Young Children **Credit Hours: 3**
- EEC 4402 - Cultural and Family Systems **Credit Hours: 3**
- EEX 3450 - Young Children With Special Needs **Credit Hours: 3**
- RED 3310 - Early Reading, Writing and Language Arts **Credit Hours: 3**
- EEC 4414 - Parent-Child Relations **Credit Hours: 3**

Junior Year - Summer (6 Credit Hours)

- EEC 4303 - Planning Creative Activities in Early Childhood Education **Credit Hours: 3**
- EEC 4528 - Infant/Toddler Care and Education **Credit Hours: 3**

Senior Year - Fall (12 Credit Hours)

- PET 4050C - Motor Development and Learning **Credit Hours: 3**
- Select Three Early Childhood Development Track Electives **Credit Hours: 9**

Senior Year - Spring (12 Credit Hours)

- EEC 4940 - Practicum: Early Childhood Development **Credit Hours: 12**

Education Minor

College

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Minor

Program Description

College of Community Innovation and Education
School of Teacher Education
Education Complex and Gym (ED), 209
407-823-5791

Lecturer: Dr. Michael McManus

Education Complex and Gym (ED), 220B

michael.mcmanus@ucf.edu

The Education minor is intended to provide for university students outside the College of Community Innovation and Education a limited but substantial experience in the fields of professional education. Students who successfully complete this minor can expect to increase their marketability in careers that include educational components such as instructing, training, and lecturing. This minor is designed to promote student success in instructional settings, particularly in the high school setting, but does not directly qualify students for teacher certification or admission into the College of Community Innovation and Education. This minor is not available to students in pending status in a College of Community Innovation and Education major. This minor is available for students in the 2007 catalog year and beyond.

Minor Admission Requirements

- Have a minimum 2.5 overall GPA
- Complete the University General Education Program requirements or its equivalent, i.e. an A.A. degree from an approved Florida College System or State University System institution.

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

18 Total Credits

- Complete all of the following
 - Required Courses
 - EDF4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools (3)
 - EDF4467 - Learning Theory and Assessment (3)
 - EDG4410 - Teaching Strategies and Classroom Management (3)
 - RED4043 - Content Reading in Kindergarten through Grade 12 (3)
 - TSL4080 - Theory and Practice of Teaching ESOL Students in Schools (3)
 - Restricted Electives
 - Complete at least 1 of the following:
 - MAE4634 - Programs in Teaching of Mathematics (3)
 - SSE4936 - Programs in Teaching Social Science (3)
 - LAE4342 - Programs in Teaching Language and Composition (3)
 - LAE4464 - Survey of Adolescent Literature (3)
 - SCE4361 - Programs in Teaching Science (3)
 - PET4710 - Methods for Physical Activity for Children and Adolescents (3)

Grand Total Credits: **18**

Program Details

Foreign Language Requirements

- None

Other Requirements

- A grade of "C" (2.0) or better is required in each course used to satisfy the minor.
- A minimum GPA of 2.5 of all Gordon Rule classes is required.
- At least 12 hours used in the minor must be earned at UCF.
- No credit by exam (CLEP, Military credit) may be used. Transfer credits from other universities will be considered.

NOTE:

- Completion of the minor does not complete the requirements for teacher certification nor does it constitute admission to the College of Community Innovation and Education majors.
- Students may enroll in the Education Minor or a Minor in a Content Area, but not both.

Elementary Education, K-6 Certification Track (B.S.)

College

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Major

Program Description

College of Community Innovation and Education
School of Teacher Education
Education Complex and Gym (ED), 209
407-823-5791

Associate Lecturer and Academic Program Coordinator: Dr. Taylar Wenzel
elemed@ucf.edu

The Elementary Education K-6 certification track is appropriate for students interested in opportunities for employment with formal K-6 schools that require certification. Students graduating in this track earn both an ESOL and Reading Endorsement.

This Elementary Education B.S. K-6 certification program has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit <https://apq.ucf.edu/files/Licensure-Disclosure-CCIE-Elementary-Ed-BS.pdf>

Admission Requirements

- Complete the University General Education requirements or its equivalent, i.e., an AA degree from an approved Florida College System or State University System institution.
- Have a minimum 2.5 overall GPA.
- Complete EDF 2005 Introduction to Teaching Profession course with a minimum letter grade of "C-" (1.75) or better.
- Meet the Gordon Rule Requirement.
- Meet the Foreign Language Admission Requirement.

- Pass all four parts of the General Knowledge Test (no alternatives or waivers are accepted).

Degree Requirements

- Students should see an advisor prior to registering for classes.
- The courses designated in 1 (UCF General Education Program) and 2 (Education Common Program Prerequisites) should be completed prior to admission to the major and upper division education courses.
- The K-6 Certification track is a state-approved, initial teacher preparation program designed in compliance with Florida Statutes and State Board of Education Rule 6A-5.066. Degree requirements are subject to change based on state mandates.

General Education (GEP)

Communication Foundations
9 Total Credits

- Complete all of the following
 - Students are advised to take the preferred courses.
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Preferred: SPC 1608 - Fundamentals of Oral Communication (3)

Cultural & Historical Foundations
9 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)

- HUM2210 - Studies in Culture: Ancient to 17th Century (3)
- HUM2230 - Studies in Culture: 17th Century to Present (3)
- WOH2012 - World Civilization I (3)
- WOH2022 - World Civilization II (3)
- Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Earn at least 3 credits from the following types of courses:
GEP 6: Take one additional course from either Cultural and Historical Foundation, Area 1 or 2.
Consider that some courses also partially satisfy the Gordon Rule requirement.
- Preferred for GEP 5/6: THE 2000 - Theatre Survey Credit (3) PHI 2010 - Introduction to Philosophy Credit Hours (3) MUL 2010 - Enjoyment of Music Credit Hours: (3)

Mathematical Foundations

6 - 7 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - Preferred: MAC 1105C - College Algebra Credit Hours (3) MGF 1106 - Finite Mathematics Credit Hours (3) MGF 1107 - Explorations in Mathematics Credit Hours (3)
 - Complete at least 1 courses from the following:
GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)
 - Preferred: STA 2014 - Principles of Statistics Credit Hours (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - Preferred: PSY 2012 - General Psychology Credit Hours (3)

- Complete at least 1 courses from the following:
GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
- Preferred: POS 2041 - American National Government Credit Hours (3)

Science Foundations

6 - 8 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - Preferred: PSC 1121 - Physical Science Credit Hours (3)
 - Complete at least 1 courses from the following:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)
 - Preferred: BSC 1005 - Biological Principles Credit Hours (3)

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

CPP

3 Total Credits

- Complete all of the following
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information. A minimum letter grade of "C-" (1.75) or better is required.
 - Complete the following:
 - EDF2005 - Introduction to the Teaching Profession (3)

Grand Total Credits: **3**

Degree Requirements

Core Requirements: Basic Level

21 Total Credits

- Complete all of the following
 - A minimum letter grade of "C-" (1.75) or better is required. Courses taken at a Florida College System institution may substitute for select courses in Other Program Requirements with the permission of the department.
 - Complete the following:
 - EDF2130 - Child and Adolescent Development for Educators (3)

- EDE2280 - Arts and Wellness in Elementary Classrooms (3)
- EDF2720 - Children in Schools: Legal, Ethical and Safety Concerns (3)
- Complete the following:
 - SCE3053 - Elementary Science for Teaching (3)
 - SSE3112 - Elementary Social Studies for Teaching (3)
 - EDG2940 - Experiential Learning in Education (3)
 - EDG2000 - Careers in K-12 Education (3)

Core Requirements: Advanced Level

0 Total Credits

- The following recommended sequence of required upper division courses may vary at regional campus locations. Students must complete 60 hours of Advanced Level courses required with a minimum letter grade of "C-" (1.75) or better is required.

Semester I

15 Total Credits

- Complete all of the following
 - EDG 4410, MAE 3310, RED 3012, and TSL 4080 required prior to Internship I.
 - Complete the following:
 - EDG4410 - Teaching Strategies and Classroom Management (3)
 - MAE3310 - Elementary Mathematics for Teaching I (3)
 - LAE3414 - Literature for Children (3)
 - RED3012 - Basic Foundations of Reading (3)
 - TSL4080 - Theory and Practice of Teaching ESOL Students in Schools (3)

Semester II

15 Total Credits

- Complete all of the following
 - RED 4519 and MAE 3311 required prior to Internship I.
 - Complete the following:
 - SCE3310 - Teaching Science in Elementary School (3)
 - SSE3312 - Teaching Social Science in the Elementary School (3)
 - LAE4314 - Language Arts in the Elementary School (3)
 - RED4519 - Diagnostic and Corrective Reading Strategies (3)
 - MAE3311 - Elementary Mathematics for Teaching II (3)

Summer

6 Total Credits

- Complete the following:
 - EDF4467 - Learning Theory and Assessment (3)
 - TSL4240 - Issues in Second Language Acquisition (3)

Semester III (Internship I Block)

12 Total Credits

- Complete all of the following
 - Prior to Internship I, the student must have completed each of the prerequisite courses indicated above with a letter grade of "C-" (1.75) or better. However, a minimum GPA of 2.5 is required in the education core, specialization and overall for admission to Internship I. Passing score on the General Knowledge Test portion of the Florida Teacher Certification Examination (FTCE) is required before admission into Internship I. Passing score on the Professional Education Test portion of the Florida Teacher Certification Examination (FTCE) is strongly recommended as soon as possible after completing the following courses: EDG 4410 - Teaching Strategies and Classroom Management, EDF 4467 - Learning Theory and Assessment and TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools. Students must apply and be approved for Internship I. Deadline dates and placement application are available through the Office of Clinical & Field Experiences at <https://ccie.ucf.edu/clinicalexp/>. A fee may be required as part of the placement application process. The following courses must be completed prior to beginning Internship I: EDG 4410, RED 3012, TSL 4080, MAE 3310, MAE 3311, RED 4519 RED 4942, MAE 4326, and EEX 4070 are taken concurrently with EDE 3942 - Internship I. Students should not plan to take additional

courses with Internship I block because of the intensity of the Internship I semester.

- Complete the following:
 - RED4942 - Practicum for Assessment and Instruction of Reading (3)
 - MAE4326 - How Children Learn Mathematics (3)
 - EDE3942 - Internship I (3)
 - EEX4070 - Teaching Exceptional Students (3)

Semester IV (Internship II Block)

12 Total Credits

- Complete all of the following
 - Passing scores on all sections [General Knowledge, Professional, and Subject Area (Elementary Education K-6)] of the Florida Teacher Certification Examination (FTCE) are required prior to entry into Internship II. All methods/specialization/foundations courses must be completed with a letter grade of "C-" (1.75) or better before registering for Internship II. However, a minimum GPA of 2.5 is required in the education core, specialization and overall for admission to Internship II. Students must apply and be approved for Internship II. Deadline dates and placement application are available through the Office of Clinical & Field Experiences at <https://ccie.ucf.edu/clinicaexp/>. A fee may be required as part of the placement application process. Satisfactory completion of Internship II requires the student to demonstrate proficiency in all 12 Florida Educator Accomplished Practices at the pre-professional level in accordance with State Board of Education Rule 6A-5.066.
 - Complete the following:
 - EDE4943 - Internship II (Elementary) (9)
 - EDE4301 - Elem Ed Capstone Colloquium (3)

Grand Total Credits: **81**

Program Details

Restricted Electives

- None

Capstone Requirements

- None

Electives

- None

Foreign Language Requirements

Admissions

- State University System foreign language admission requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- Achieve a minimum overall 2.5 GPA within the major.
- Achieve a minimum 2.5 GPA in education core coursework.
- Achieve a minimum 2.5 GPA in specialization coursework.
- Achieve a minimum overall 2.5 GPA
- You must upload key assignments using the Via by Watermark platform. Key assignments are assessed by faculty to provide evidence of candidate proficiency in all Florida Educator Accomplished Practices (FEAPs). All teacher education candidates, Lifelong Learning majors, and Early Childhood Development & Education majors (all ECDE tracks) are required to complete all Via requirements before being certified for graduation. See <https://ccie.ucf.edu/explore-via/>.
- Complete ESOL standards assessment tracking requirements in the Via by Watermark platform for the ESOL endorsement.
- Pass all applicable sections of the Florida Teacher Certification Examination. See <http://www.fldoe.org> for test dates and test sites. Effective January 1, 2015, only examination results earned by educators within 10 years prior to the date of application for a new Florida Educator's Certificate with the Florida Department of Education may be acceptable for certification eligibility requirements (SBE Rule 6A-4.002)

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Total Semester Hours Required

- 120

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- None

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$6 per term
- Full-Time Student: \$12 per term

Plan of Study

- This recommended sequence may vary at selected regional campus locations. Consult with your Education advisor and review your degree audit for more recent information.

Freshman Year - Fall (12 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- MAC 1105C - College Algebra **Credit Hours: 3**
- EDG 2000 - Careers in K-12 Education **Credit Hours: 3**

Select One: (3 Credit Hours)

- MUL 2010 - Enjoyment of Music **Credit Hours: 3**
- THE 2000 - Theatre Survey **Credit Hours: 3**

- PHI 2010 - Introduction to Philosophy **Credit Hours: 3**

Freshman Year - Spring (12 Credit Hours)

1 Courses taken at a Florida College System institution may substitute for select courses in Other Program Requirements with the permission of the department.

- EDF 2005 - Introduction to the Teaching Profession **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**
- PSY 2012 - General Psychology **Credit Hours: 3**
- PSC 1121 - Physical Science **Credit Hours: 3**

Freshman Year - Summer (6 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3**
- EDF 2130 - Child and Adolescent Development for Educators **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- Cultural & Historical Foundation, Area 1 Elective **Credit Hours: 3**
- BSC 1005 - Biological Principles **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- EDE 2280 - Arts and Wellness in Elementary Classrooms **Credit Hours: 3**
- EDF 2720 - Children in Schools: Legal, Ethical and Safety Concerns **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

1 Courses taken at a Florida College System institution may substitute for select courses in Other Program Requirements with the permission of the department.

- Cultural & Historical Foundation, Area 3; Elective (Prefer course from Cultural & Historical Foundation, Area 1); **Credit Hours: 3**
- STA 2014 - Principles of Statistics **Credit Hours: 3**
- EDG 2940 - Experiential Learning in Education **Credit Hours: 3**
- SCE 3053 - Elementary Science for Teaching **Credit Hours: 3**
- SSE 3112 - Elementary Social Studies for Teaching **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**
- MAE 3310 - Elementary Mathematics for Teaching I **Credit Hours: 3**
- LAE 3414 - Literature for Children **Credit Hours: 3**
- RED 3012 - Basic Foundations of Reading **Credit Hours: 3**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- SCE 3310 - Teaching Science in Elementary School **Credit Hours: 3**
- SSE 3312 - Teaching Social Science in the Elementary School **Credit Hours: 3**
- LAE 4314 - Language Arts in the Elementary School **Credit Hours: 3**
- RED 4519 - Diagnostic and Corrective Reading Strategies **Credit Hours: 3**
- MAE 3311 - Elementary Mathematics for Teaching II **Credit Hours: 3**

Junior Year - Summer (6 Credit Hours)

- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**
- TSL 4240 - Issues in Second Language Acquisition **Credit Hours: 3**

Senior Year - Fall (12 Credit Hours)

- RED 4942 - Practicum for Assessment and Instruction of Reading **Credit Hours: 3**
- MAE 4326 - How Children Learn Mathematics **Credit Hours: 3**
- EEX 4070 - Teaching Exceptional Students **Credit Hours: 3**
- EDE 3942 - Internship I **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- EDE 4943 - Internship II (Elementary) **Credit Hours: 9**
- EDE 4301 - Elem Ed Capstone Colloquium **Credit Hours: 3**

Elementary Education, Lifelong Learning Track (B.S.)

College

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Major

Program Description

College of Community Innovation and Education
School of Teacher Education
Education Complex and Gym (ED), 209
407-823-5791

Associate Lecturer and Academic Program Coordinator: Dr. Taylor Wenzel
lll@ucf.edu

The Lifelong Learning Track in the Elementary Education program is a non-certification track. Students graduating in this track are not eligible for certification upon graduation nor do they earn the ESOL or Reading Endorsements. The Lifelong Learning (LLL) track is appropriate for students seeking opportunities for employment outside formal, K-12 schools that do not require certification.

Admission Requirements

- Complete the University General Education requirements or its equivalent, i.e., an AA degree from an approved Florida College System or State University System institution.
- Have a minimum 2.5 overall GPA.
- Complete EDF 2005 Introduction to Teaching Profession course with a minimum letter grade of "C-" (1.75) or better.
- Meet the Gordon Rule Requirement.
- Meet the Foreign Language Admission Requirement.

- The Lifelong Learning Track is a non-certification program and does not require the General Knowledge Test (GKT).

Degree Requirements

- Students should see an advisor prior to registering for classes.
- The courses designated in 1 (UCF General Education Program) and 2 (Education Common Program Prerequisites) should be completed prior to admission to the major and upper division education courses.

General Education (GEP)

Communication Foundations
9 Total Credits

- Complete all of the following
 - Students are advised to take the preferred courses.
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Preferred: SPC 1608 - Fundamentals of Oral Communication Credit Hours (3)

Cultural & Historical Foundations
9 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)

- WOH2022 - World Civilization II (3)
- Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Earn at least 3 credits from the following types of courses:
 - GEP 6: Take one additional course from either Cultural and Historical Foundation, Area 1 or 2. Consider that some courses also partially satisfy the Gordon Rule requirement. A second course from Cultural & Historical Foundations, Area 1 is preferred for GEP 6
- Preferred for GEP 5/6 THE 2000 - Theatre Survey Credit Hours (3) PHI 2010 - Introduction to Philosophy Credit Hours (3) MUL 2010 - Enjoyment of Music Credit Hours (3)

Mathematical Foundations

6 - 7 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - Preferred: MAC 1105C - College Algebra Credit Hours (3) MGF 1106 - Finite Mathematics Credit Hours (3) MGF 1107 - Explorations in Mathematics Credit Hours (3)
 - Complete at least 1 courses from the following:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)
 - Preferred: STA 2014 - Principles of Statistics Credit Hours (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - Preferred: PSY 2012 - General Psychology Credit Hours (3)
 - Complete at least 1 courses from the following:
 - GEP 10- Social Foundation

- AMH2020 - U.S. History: 1877-Present (3)
- ECO2013 - Principles of Macroeconomics (3)
- ECO2023 - Principles of Microeconomics (3)
- POS2041 - American National Government (3)
- Preferred: POS 2041 - American National Government Credit Hours (3)

Science Foundations
6 - 8 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - Preferred: PSC 1121 - Physical Science Credit Hours (3)
 - Complete at least 1 courses from the following:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)
 - Preferred: BSC 1005 - Biological Principles Credit Hours (3)

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

CPP
3 Total Credits

- Complete all of the following
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information. A minimum letter grade of "C-" (1.75) or better is required.
 - Complete the following:
 - EDF2005 - Introduction to the Teaching Profession (3)

Grand Total Credits: **3**

Degree Requirements

Core Requirements: Basic Level
21 Total Credits

- Complete all of the following
 - Courses taken at a Florida College System institution may substitute for select courses in Other Program Requirements with the permission of the department. A minimum letter grade of "C-" (1.75) or better is required.
 - Complete the following:
 - EDF2130 - Child and Adolescent Development for Educators (3)
 - EDE2280 - Arts and Wellness in Elementary Classrooms (3)
 - EDF2720 - Children in Schools: Legal, Ethical and Safety Concerns (3)

- SCE3053 - Elementary Science for Teaching (3)
- SSE3112 - Elementary Social Studies for Teaching (3)
- EDG2940 - Experiential Learning in Education (3)
- EDG2000 - Careers in K-12 Education (3)

Core Requirements: Advanced Level

0 Total Credits

- Lifelong Learning Track requires 60 hours The following recommended sequence of required upper division courses may vary at regional campus locations. Students must complete the Advanced Level courses required for their selected track (Education Track or Lifelong Learning Track). A minimum letter grade of "C-" (1.75) or better is required.

Semester I

15 Total Credits

- Complete the following:
 - EDG4410 - Teaching Strategies and Classroom Management (3)
 - LAE3414 - Literature for Children (3)
 - RED3012 - Basic Foundations of Reading (3)
 - TSL4080 - Theory and Practice of Teaching ESOL Students in Schools (3)
 - MAE3310 - Elementary Mathematics for Teaching I (3)

Semester II

15 Total Credits

- Complete the following:
 - SCE3310 - Teaching Science in Elementary School (3)
 - SSE3312 - Teaching Social Science in the Elementary School (3)
 - LAE4314 - Language Arts in the Elementary School (3)
 - RED4519 - Diagnostic and Corrective Reading Strategies (3)
 - MAE3311 - Elementary Mathematics for Teaching II (3)

Summer

6 Total Credits

- Complete the following:
 - TSL4240 - Issues in Second Language Acquisition (3)
 - EDF4467 - Learning Theory and Assessment (3)

Specialization Requirements

18 Total Credits

- Complete all of the following
 - Eighteen (18) hours of Lifelong Learning Specialization coursework should be completed during Semester III and Semester IV of your Senior Year. Students pursuing the Lifelong Learning track (noncertification) must select preferred specialization courses with advisor approval. A minimum of nine (9) hours must be taken in the content area. Substitutions are allowed with advisor approval. A grade of "C-" (1.75) or better is required. Students must have a total of 48 or more hours of upper level courses to graduate.
 - Earn at least 18 credits from the following:
 - CJE3001 - Careers in Criminal Justice (4)
 - CJE3444 - Crime Prevention (3)
 - CCJ3024 - Criminal Justice System (3)
 - CCJ4651 - Drugs and Crime (3)
 - CCJ4670 - Women and Crime (3)
 - DEP2004 - Developmental Psychology (3)
 - DIG2000 - Introduction to Digital Media (3)
 - DIG3118 - Digital Tools and Technologies: Graphic Design (3)
 - ECT4184 - Curriculum Development Techniques for Industry Training (3)
 - EEC3700 - Social and Emotional Development of Young Children (3)
 - EEC4402 - Cultural and Family Systems (3)
 - EEX2010 - Introduction to Special Education (3)
 - EEX2090 - Exceptional Populations in School and Society (3)

- EEX3450 - Young Children With Special Needs (3)
- EEX4601 - Introduction to Behavior Management (3)
- EXP3604 - Cognitive Psychology (3)
- EXP3250 - Principles of Human Factors Psychology (3)
- EEX4601 - Introduction to Behavior Management (3)
- EXP3604 - Cognitive Psychology (3)
- EXP3250 - Principles of Human Factors Psychology (3)
- HFT1000 - Introduction to the Hospitality and Tourism Industry (3)
- HFT2750 - The Event Industry (3)
- HIM3006 - Foundations of Health Information Management (HIM) (3)
- HSA4003 - The Patient Experience from an Administrator's Perspective (3)
- HSC3537 - Medical Terminology (3)
- PET2081 - Wellness, Children and Schools (1)
- PLA3014 - Law and the Legal System (3)
- PLA3108 - Legal Research (3)
- PLA4020 - Law and Society (3)
- SPC3445 - Leadership Through Oral Communication (3)

Semester III

6 Total Credits

- Complete all of the following
 - Complete the following:
 - EDG4942 - Lifelong Learning Education Internship (3)
 - EEX4070 - Teaching Exceptional Students (3)
 - Choose Specialization courses Credit Hours: 6

Semester IV

12 Total Credits

- Earn at least 12 credits from the following types of courses:
Specialization courses

Grand Total Credits: **93**

Program Details

Restricted Electives

- None

Capstone Requirements

- None

Electives

- None

Foreign Language Requirements

Admissions

- State University System foreign language admission requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- Achieve a minimum overall 2.5 GPA within the major.
- Achieve a minimum 2.5 GPA in education core coursework.
- Achieve a minimum 2.5 GPA in specialization coursework.
- Achieve a minimum overall 2.5 GPA
- You must upload key assignments using the Via by Watermark platform. Key assignments are assessed by faculty to provide evidence of candidate proficiency in all Florida Educator Accomplished Practices (FEAPs). All teacher education candidates, Lifelong Learning majors, and Early Childhood Development & Education majors (all ECDE tracks) are required to complete all Via requirements before being certified for graduation. See <https://ccie.ucf.edu/explore-via/>.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Total Semester Hours Required

- 120

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- None

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oemas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$6 per term
- Full-Time Student: \$12 per term

Plan of Study

Freshman Year - Fall (12 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- EDG 2000 - Careers in K-12 Education **Credit Hours: 3**

Select One: (3 Credit Hours)

- MUL 2010 - Enjoyment of Music **Credit Hours: 3**
- THE 2000 - Theatre Survey **Credit Hours: 3**
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3**

Select One: (3 Credit Hours)

- MAC 1105C - College Algebra **Credit Hours: 3**
- MGF 1106 - Finite Mathematics **Credit Hours: 3**
- MGF 1107 - Explorations in Mathematics **Credit Hours: 3**

Freshman Year - Spring (12 Credit Hours)

1 Courses taken at a Florida College System institution may substitute for select courses in Other Program Requirements with the permission of the department.

- 1 EDF 2130 - Child and Adolescent Development for Educators **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**
- PSY 2012 - General Psychology **Credit Hours: 3**
- PSC 1121 - Physical Science **Credit Hours: 3**

Freshman Year - Summer (6 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3**
- EDE 2280 - Arts and Wellness in Elementary Classrooms **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- Cultural & Historical Foundation, Area 1 Elective **Credit Hours: 3**
- BSC 1005 - Biological Principles **Credit Hours: 3**
- EDF 2005 - Introduction to the Teaching Profession **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- SCE 3053 - Elementary Science for Teaching **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- Cultural & Historical Foundation, Area 3 Elective (Prefer course from Cultural & Historical Foundation, Area 1) **Credit Hours: 3**
- STA 2014 - Principles of Statistics **Credit Hours: 3**
- EDG 2940 - Experiential Learning in Education **Credit Hours: 3**
- SSE 3112 - Elementary Social Studies for Teaching **Credit Hours: 3**
- EDF 2720 - Children in Schools: Legal, Ethical and Safety Concerns **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**
- LAE 3414 - Literature for Children **Credit Hours: 3**
- RED 3012 - Basic Foundations of Reading **Credit Hours: 3**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**
- MAE 3310 - Elementary Mathematics for Teaching I **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- SCE 3310 - Teaching Science in Elementary School **Credit Hours: 3**
- SSE 3312 - Teaching Social Science in the Elementary School **Credit Hours: 3**
- LAE 4314 - Language Arts in the Elementary School **Credit Hours: 3**
- RED 4519 - Diagnostic and Corrective Reading Strategies **Credit Hours: 3**
- MAE 3311 - Elementary Mathematics for Teaching II **Credit Hours: 3**

Junior Year - Summer (6 Credit Hours)

- TSL 4240 - Issues in Second Language Acquisition **Credit Hours: 3**
- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**

Senior Year - Fall (12 Credit Hours)

- EDG 4942 - Lifelong Learning Education Internship **Credit Hours: 3**
- Choose Lifelong Learning Specialization course **Credit Hours: 3**
- Choose Lifelong Learning Specialization course **Credit Hours: 3**
- EEX 4070 - Teaching Exceptional Students **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- Choose Lifelong Learning Specialization course **Credit Hours: 3**
- Choose Lifelong Learning Specialization course **Credit Hours: 3**
- Choose Lifelong Learning Specialization course **Credit Hours: 3**
- Choose Lifelong Learning Specialization course **Credit Hours: 3**

Elementary Education, Professional Studies Track (Non-certification) (B.S.)

College

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Major

Program Description

College of Community Innovation and Education
School of Teacher Education
Education Complex and Gym (ED), 209
407-823-5791

Associate Lecturer and Academic Program Coordinator: Dr. Taylor Wenzel
elemed@ucf.edu

The Elementary Education Professional Studies track is a non-certification track that is appropriate for students who wish to work with students in a traditional K-6 classroom setting, but have not passed the required exams to be admitted to and graduate in the K-6 Certification track. Students graduating in the Professional Studies track are not eligible for teaching certification from the Florida Department of Education upon graduation and will not earn the ESOL or Reading endorsements.

Admission Requirements

- Complete the University General Education requirements or its equivalent, i.e., an AA degree from an approved Florida College System or State University System institution.
- Have a minimum 2.5 overall GPA.
- Complete EDF 2005 Introduction to Teaching Profession course with a minimum letter grade of "C-" (1.75) or better.
- Meet the Gordon Rule Requirement.
- Meet the Foreign Language Admission Requirement.

Degree Requirements

- Students should see an advisor prior to registering for classes.
- The courses designated in 1 (UCF General Education Program) and 2 (Education Common Program Prerequisites) should be completed prior to admission to the major and upper division education courses.

General Education (GEP)

0 Total Credits

- Students are advised to take the preferred courses.

Communication Foundations

9 Total Credits

- Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Preferred: SPC 1608 - Fundamentals of Oral Communication Credit Hours (3)

Cultural and Historical Foundations

9 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)

- WOH2022 - World Civilization II (3)
- Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Earn at least 3 credits from the following types of courses:
GEP 6: Take one additional course from either Cultural and Historical Foundation, Area 1 or 2.
Consider that some courses also partially satisfy the Gordon Rule requirement. Preferred: THE 2000 - Theatre Survey Credit Hours (3) PHI 2010 - Introduction to Philosophy Credit Hours (3) MUL 2010 - Enjoyment of Music Credit Hours (3)

Mathematical Foundations

6 - 7 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - Preferred: MAC 1105C - College Algebra Credit Hours (3) MGF 1106 - Finite Mathematics Credit Hours (3) MGF 1107 - Explorations in Mathematics Credit Hours (3)
 - Complete at least 1 courses from the following:
GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)
 - Preferred: STA 2014 - Principles of Statistics Credit Hours (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - Preferred: PSY 2012 - General Psychology Credit Hours (3)
 - Complete at least 1 courses from the following:
GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)

- ECO2013 - Principles of Macroeconomics (3)
- ECO2023 - Principles of Microeconomics (3)
- POS2041 - American National Government (3)
- Preferred: POS 2041 - American National Government Credit Hours (3)

Science Foundations

6 - 8 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - Preferred: PSC 1121 - Physical Science Credit Hours (3)
 - Complete at least 1 courses from the following:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)
 - Preferred: BSC 1005 - Biological Principles Credit Hours (3)

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

CPP

3 Total Credits

- Complete all of the following
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information. A minimum letter grade of "C-" (1.75) or better is required.
 - Complete the following:
 - EDF2005 - Introduction to the Teaching Profession (3)

Core Requirements: Basic Level

21 Total Credits

- Complete all of the following
 - Courses taken at Florida College System institutions may substitute for select courses in Other Program Requirements with the permission of the department. A minimum letter grade of "C-" (1.75) or better is required.
 - Complete the following:
 - EDF2130 - Child and Adolescent Development for Educators (3)
 - EDE2280 - Arts and Wellness in Elementary Classrooms (3)
 - EDF2720 - Children in Schools: Legal, Ethical and Safety Concerns (3)
 - SCE3053 - Elementary Science for Teaching (3)
 - SSE3112 - Elementary Social Studies for Teaching (3)
 - EDG2940 - Experiential Learning in Education (3)
 - EDG2000 - Careers in K-12 Education (3)

Core Requirements: Advanced Level
0 Total Credits

- The following recommended sequence of required upper division courses may vary at regional campus locations. Students must complete 60 hours of Advanced Level courses required with a minimum letter grade of "C-" (1.75) or better.

Semester I
15 Total Credits

- Complete all of the following
 - Complete the following:
 - EDG4410 - Teaching Strategies and Classroom Management (3)
 - MAE3310 - Elementary Mathematics for Teaching I (3)
 - LAE3414 - Literature for Children (3)
 - RED3012 - Basic Foundations of Reading (3)
 - TSL4080 - Theory and Practice of Teaching ESOL Students in Schools (3)
 - EDG 4410, MAE 3310, RED 3012, and TSL 4080 are required prior to Internship I.

Semester II
15 Total Credits

- Complete all of the following
 - Complete the following:
 - SCE3310 - Teaching Science in Elementary School (3)
 - SSE3312 - Teaching Social Science in the Elementary School (3)
 - LAE4314 - Language Arts in the Elementary School (3)
 - RED4519 - Diagnostic and Corrective Reading Strategies (3)
 - MAE3311 - Elementary Mathematics for Teaching II (3)
 - RED 4519 and MAE 3311 are required prior to Internship I

Summer
6 Total Credits

- Complete the following:
 - EDF4467 - Learning Theory and Assessment (3)
 - TSL4240 - Issues in Second Language Acquisition (3)

Semester III: Internship I Block
12 Total Credits

- Complete all of the following
 - Prior to Internship I, the student must have completed each of the prerequisite courses indicated above with a letter grade of "C-" (1.75) or better. However, a minimum GPA of 2.5 is required in the education core, specialization and overall for admission to Internship I. Students must apply and be approved for Internship I. Deadline dates and placement application are available through the Office of Clinical & Field Experiences at <https://ccie.ucf.edu/clinicalexp/>. A fee may be required as part of the placement application process. The following courses must be completed prior to beginning Internship I: EDG 4410, RED 3012, TSL 4080, MAE 3310, MAE 3311, RED 4519 RED 4942, MAE 4326, and EEX 4070 are taken concurrently with EDE 3942 - Internship I. Students should not plan to take additional courses with Internship I block because of the intensity of the Internship I semester.
 - Complete the following:
 - RED4942 - Practicum for Assessment and Instruction of Reading (3)
 - MAE4326 - How Children Learn Mathematics (3)
 - EDE3942 - Internship I (3)
 - EEX4070 - Teaching Exceptional Students (3)

Semester IV: Internship II Block
12 Total Credits

- Complete all of the following
 - All methods/specialization/foundations courses must be completed with a letter grade of "C-" (1.75) or better before registering for Internship II. However, a minimum GPA of 2.5 is required in

the education core, specialization and overall for admission to Internship II. Students must apply and be approved for Internship II. Deadline dates and placement application are available through the Office of Clinical & Field Experiences at <https://ccie.ucf.edu/clinicalexp/>. A fee may be required as part of the placement application process. Satisfactory completion of Internship II requires the student to demonstrate proficiency in all 12 Florida Educator Accomplished Practices at the pre-professional level.

- Complete the following:
 - EDE4943 - Internship II (Elementary) (9)
 - EDE4301 - Elem Ed Capstone Colloquium (3)

Grand Total Credits: **84**

Program Details

Restricted Electives

- None

Capstone Requirements

- None

Electives

- None

Foreign Language Requirements

Admissions

- State University System foreign language admission requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation

- None

Additional Requirements

- None

Required Minors

-
- None

Departmental Exit Requirements

- Achieve a minimum overall 2.5 GPA within the major.
- Achieve a minimum 2.5 GPA in education core coursework.
- Achieve a minimum 2.5 GPA in specialization coursework.
- Achieve a minimum overall 2.5 GPA
- You must upload key assignments using the Via by Watermark platform. Key assignments are assessed by faculty to provide evidence of candidate proficiency in all Florida Educator Accomplished Practices (FEAPs). All teacher education candidates, Professional Studies majors, Lifelong Learning majors, and Early Childhood Development & Education majors (all ECDE tracks) are required to complete all Via requirements before being certified for graduation. See <https://ccie.ucf.edu/explore-via/>.
- Complete ESOL standards assessment tracking requirements in the Via by Watermark platform for the ESOL endorsement.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Total Semester Hours Required

- 120

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- None

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alac/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$6 per term
- Full-Time Student: \$12 per term

Plan of Study

- This recommended sequence may vary at selected regional campus locations. Consult with your Education advisor and review your degree audit for more recent information.

Freshman Year - Fall (12 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- MAC 1105C - College Algebra **Credit Hours: 3**
- EDG 2000 - Careers in K-12 Education **Credit Hours: 3**

Select One: (3 Credit Hours)

- MUL 2010 - Enjoyment of Music **Credit Hours: 3**
- THE 2000 - Theatre Survey **Credit Hours: 3**
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3**

Freshman Year - Spring (12 Credit Hours)

1 Courses taken at a Florida College System institution may substitute for select courses in Other Program Requirements with the permission of the department.

- EDF 2005 - Introduction to the Teaching Profession **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**
- PSY 2012 - General Psychology **Credit Hours: 3**
- PSC 1121 - Physical Science **Credit Hours: 3**

Freshman Year - Summer (6 Credit Hours)

-
- POS 2041 - American National Government **Credit Hours: 3**
 - EDF 2130 - Child and Adolescent Development for Educators **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- Cultural & Historical Foundation, Area 1 Elective **Credit Hours: 3**
- BSC 1005 - Biological Principles **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- EDE 2280 - Arts and Wellness in Elementary Classrooms **Credit Hours: 3**
- EDF 2720 - Children in Schools: Legal, Ethical and Safety Concerns **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

1 Courses taken at a Florida College System institution may substitute for select courses in Other Program Requirements with the permission of the department.

- Cultural & Historical Foundation, Area 3; Elective (Prefer course from Cultural & Historical Foundation, Area 1); **Credit Hours: 3**
- STA 2014 - Principles of Statistics **Credit Hours: 3**
- EDG 2940 - Experiential Learning in Education **Credit Hours: 3**
- SCE 3053 - Elementary Science for Teaching **Credit Hours 3**
- SSE 3112 - Elementary Social Studies for Teaching **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**
- MAE 3310 - Elementary Mathematics for Teaching I **Credit Hours: 3**
- LAE 3414 - Literature for Children **Credit Hours: 3**
- RED 3012 - Basic Foundations of Reading **Credit Hours: 3**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- SCE 3310 - Teaching Science in Elementary School **Credit Hours: 3**
- SSE 3312 - Teaching Social Science in the Elementary School **Credit Hours: 3**
- LAE 4314 - Language Arts in the Elementary School **Credit Hours: 3**
- RED 4519 - Diagnostic and Corrective Reading Strategies **Credit Hours: 3**
- MAE 3311 - Elementary Mathematics for Teaching II **Credit Hours: 3**

Junior Year - Summer (6 Credit Hours)

- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**
- TSL 4240 - Issues in Second Language Acquisition **Credit Hours: 3**

Senior Year - Fall (12 Credit Hours)

- RED 4942 - Practicum for Assessment and Instruction of Reading **Credit Hours: 3**
- MAE 4326 - How Children Learn Mathematics **Credit Hours: 3**
- EEX 4070 - Teaching Exceptional Students **Credit Hours: 3**
- EDE 3942 - Internship I **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- EDE 4943 - Internship II (Elementary) **Credit Hours: 9**
- EDE 4301 - Elem Ed Capstone Colloquium **Credit Hours: 3**

Emergency Management and Homeland Security Minor

College

College of Community Innovation and Education

Department

School of Public Administration

Program Type

Minor

Program Description

College of Community Innovation and Education
School of Public Administration
Dr. Phillips Academic Commons (DPAC) - UCF Downtown, 446
407-823-2604

Program Director: *Dr. Stephanie Krick*
stephanie.krick@ucf.edu

Program Academic Advisor: *Steven Carrillo*
steven.carrillo@ucf.edu

The minor in emergency management and homeland security provides students with an opportunity to comprehensively study the disaster management cycle, including emergency preparedness, mitigation, response and recovery. In an age of dense population, increased terrorism, unpredictable weather and high public expectations of risk reduction and public leadership, this is an exciting area of study. Students who complete a minor in emergency management and homeland security gain additional insight and knowledge that will help them find positions in various federal, state and local government, private sector, or nonprofit organizations. Some of these may include the Health and Human Services Agency (HHS), the Environmental Protection Agency (EPA), the Occupational Health and Safety Administration (OSHA), the Federal Emergency Management Agency (FEMA), the Department of Homeland Security (DHS), American Red Cross, state, local, emergency management or homeland security agencies.

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

18 Total Credits

- Complete all of the following
 - Required Courses
 - Complete the following:
 - PAD4822 - Intergovernmental Administration (3)
 - PAD4392 - Emergency Management and Homeland Security (3)
 - PAD4712 - Information Systems for Public Managers and Planners (3)
 - PAD4395 - Disaster Response and Recovery (3)
 - PAD4390 - Hazard Mitigation and Preparedness (3)
 - Restricted Electives
 - Complete at least 1 of the following:
 - DSC4012 - Terrorism (3)
 - DSC4013 - Homeland Security and Criminal Justice (3)

Grand Total Credits: **18**

Program Details

Foreign Language Requirements

- None

Other Requirements

- Students must earn a "C-" (1.75) or better in each course in the minor.
- Students must earn an overall GPA of 2.0 in the minor.
- At least 15 hours used in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit cannot be used toward the minor without prior approval.

Emergency Management (B.A. / B.S.)

College

College of Community Innovation and Education

Department

School of Public Administration

Program Type

Major

Program Contact Information

College of Community Innovation and Education
School of Public Administration
Dr. Phillips Academic Commons (DPAC) - UCF Downtown, 446
407-823-2604

Program Director: Dr. Stephanie Krick
stephanie.krick@ucf.edu

Internship Director: Dr. Daniel Seigler
daniel.seigler@ucf.edu

Program Academic Advisor: TBA

Admission Requirements

None

Program Description

BA/BS in Emergency Management is designed to prepare future emergency management leaders through the development of various core competencies including: resilience, hazard mitigation and analysis, disaster response and recovery, emergency preparedness and planning, fiscal management, communication, intergovernmental administration, geographic information systems, legal and ethical decision making, cultural competency and diversity, and general emergency management.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students should complete the General Education Program before transferring within the Florida College System or State University System.
- Students should consult with a departmental advisor on a regular basis.
- Students must earn at least a "C-" in each course accepted as a Core Requirement (see section 4).
- No transfer course will be accepted with a grade lower than a "C-".
- The courses designated in section 1 (General Education) should usually be completed in the first 60 hours.
- Students must earn a 2.5 GPA in Core Requirements in order to graduate.

General Education (GEP)

Communication Foundations

9 Total Credits

- Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

Cultural and Historical Foundations

9 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)

- PHI2010 - Introduction to Philosophy (3)
- REL2300 - World Religions (3)
- THE2000 - Theatre Survey (3)
- MUL2010 - Enjoyment of Music (3)
- Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)

Mathematical Foundations

6 - 7 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - Complete at least 1 courses from the following:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)

- Complete at least 1 courses from the following:
GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundations

6 - 8 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - Complete at least 1 courses from the following:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36 - 39**

Degree Requirements

Core Requirements: Advanced Level

30 - 33 Total Credits

- Complete all of the following
 - Core requirements must be completed with a minimum GPA of 2.5 to satisfy the major
 - Complete the following:
 - PAD3733 - Professional Administrative Writing in the Public Sector (3)
 - PAD4204 - Fiscal Management (3)
 - PAD4390 - Hazard Mitigation and Preparedness (3)
 - PAD4392 - Emergency Management and Homeland Security (3)
 - PAD4395 - Disaster Response and Recovery (3)
 - PAD4712 - Information Systems for Public Managers and Planners (3)
 - PAD4720 - Research Methods in Public Administration (3)
 - PAD4822 - Intergovernmental Administration (3)
 - PAD4371 - Community Resiliency & Sustainability (3)
 - PAD4942 - School of Public Administration Internship Orientation
 - PAD4941 - Public Administration Internship (3 - 6)

Restricted Electives

24 Total Credits

- Earn at least 24 credits from the following types of courses:
Restricted Electives

Required Minor

18 Total Credits

- Earn at least 18 credits from the following types of courses:
Students are required to complete a minor that will enhance their background in the Emergency Management field. Approved Minors include: Public Administration, Urban and Regional Planning, Nonprofit Management, Health Services Administration, Intelligence and National Security, Criminal Justice, Terrorism Studies, Technical Communication, Mass Communication, and Secure Computing and Networks. Students may not choose Emergency Management and Homeland Security as a minor. Other minors must be approved by the Program Director.

B.A./B.S. Option

6 Total Credits

- Complete 1 of the following
 - Earn at least 6 credits from the following types of courses:
Students pursuing the BA degree must demonstrate proficiency in a foreign language equivalent to one year in college. ASL I and II (ASL 2140 and ASL 2150) can also be used to fulfill this requirement.
 - BS Option
 - Complete at least 2 of the following:
 - PAD4104 - Administrative Theory (3)
 - PAD4131 - Public Sector Project Management (3)
 - PAD4204 - Fiscal Management (3)
 - PAD4351 - Issues in Environmental Program Management (3)
 - PAD4414 - Human Resource Administration (3)
 - CJT3803 - Security Management (3)
 - DSC4012 - Terrorism (3)
 - DSC4013 - Homeland Security and Criminal Justice (3)
 - INR4074 - Immigration Policy (3)
 - INR4084 - Politics of International Terrorism (3)
 - INR4363 - Intelligence Analysis and Reporting (3)
 - INR4764 - Cyberwarfare Policy (3)
 - PUR4400 - Crisis Communication (3)

Capstone Requirements

3 Total Credits

- Complete the following:
 - PAD4371 - Community Resiliency & Sustainability (3)

Grand Total Credits: **81 - 84**

Program Details

Foreign Language Requirements

Admissions

- None

Graduation

- Students pursuing a B.A. degree must demonstrate proficiency in a foreign language equivalent to one year at college level. Proficiency equivalent to two semesters of college instruction in a foreign language or in American Sign Language (ASL). Standardized examinations for foreign languages may be used. ASL proficiency is met by successful completion of ASL 2140 and ASL 2150 or an appropriate score on the ASL proficiency exam. Contact the Department of Communication Sciences and Disorders (<https://healthprofessions.ucf.edu/csd/>) regarding the ASL proficiency examination.

Electives

- If students need additional credit hours in order to meet the 120 credit hour graduation requirement, additional electives can be taken from other allied supporting fields.

Additional Requirements

- None

Required Minors

- Please refer to minors listed in Restricted Electives category.

Departmental Exit Requirements

- The courses designated as General Education should usually be completed in the first 60 hours.
- Students must earn and maintain at least a "C-" in each course accepted as a Core Requirement.
- Students must earn a 2.5 GPA in Core Requirements in order to graduate.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Additional Information

Honors In Major

- Interested students should speak with an advisor.

Related Programs

- Public Administration
- Criminal Justice
- Nonprofit Management
- English - Technical Communication
- International and Global Studies
- Political Science

- Computer Science
- Communication & Conflict
- Health Services Administration

Certificates

- None

Related Minors

- Criminal Justice
- Nonprofit Management/National Certification in Nonprofit Management
- Intelligence and National Security
- Leadership Studies
- Mass Communication
- Public Administration
- Secure Computing and Networks
- Terrorism Studies
- English - Technical Communication
- Urban and Regional Planning
- Health Services Administration

Advising Notes

- Orientation and advising are two of the most valuable tools that a student can make use of when transferring to UCF. Be sure that you take advantage of both.
- Students are urged to have access to a personal computer, modem, and appropriate software to interact with the University and professors.

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be formally evaluated for equivalency credit. The student must provide a course syllabus and any additional supporting documentation with his/her petition for this evaluation.
- Subject to the general grade and residence requirements, credit will be granted for transferred course work equivalent to that required in the Public Administration program. Only grades of "C-" (1.75) or higher transfer into the program and students must have a "C-" (1.75) or better in each common program prerequisites class.

Acceptable Substitutes for Transfer Courses

- Program approval required.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Total Semester Hours Required

- 120

Plan of Study

Freshman Year - Fall (15 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- GEP Cultural & Historical Requirement **Credit Hours: 3**
- GEP Social Foundations Requirement **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

- Free Elective **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- MAC 1105C - College Algebra **Credit Hours: 3**
- GEP Communication Foundation Requirement **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- STA 2014 - Principles of Statistics **Credit Hours: 3**
- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
- GEP Cultural & Historical Requirement **Credit Hours: 3**
- GEP Science Foundation Requirement **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- PAD 3733 - Professional Administrative Writing in the Public Sector **Credit Hours: 3**
- GEP Cultural & Historical Requirement **Credit Hours: 3**
- GEP Science Foundation Requirement **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- PAD 4390 - Hazard Mitigation and Preparedness **Credit Hours: 3**
- PAD 4392 - Emergency Management and Homeland Security **Credit Hours: 3**
- PAD 4822 - Intergovernmental Administration **Credit Hours: 3**
- Approved Minor Course **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- PAD 4942 - School of Public Administration Internship Orientation **Credit Hours: 0**
- PAD 4395 - Disaster Response and Recovery **Credit Hours: 3**
- PAD 4720 - Research Methods in Public Administration **Credit Hours: 3**
- PAD 4712 - Information Systems for Public Managers and Planners **Credit Hours: 3**
- Approved Minor Course **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- PAD 4204 - Fiscal Management **Credit Hours: 3**

- Approved Minor Course **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- PAD 4941 - Public Administration Internship **Credit Hours: 3**

Senior Year - Spring (15 Credit Hours)

- PAD 4371 - Community Resiliency & Sustainability **Credit Hours: 3**
- Approved Minor Course **Credit Hours: 3**
- Approved Minor Course **Credit Hours: 3**
- Approved Minor Course **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

English Language Arts Education Minor

College

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Minor

Program Description

**College of Community Innovation and Education
School of Teacher Education
Education Complex and Gym (ED), 223N**

Dr. Elsie Olan
407-823-5179
Elsie.Olan@ucf.edu

The English Language Arts Education minor is intended for non-English Language Arts Education majors. It is well suited for College of Community Innovation and Education, School of Teacher Education students majoring in another secondary/K-12 content area. It is also intended to provide for university students outside the School of Teacher Education (such as students enrolled in Interdisciplinary Studies and English) a limited but substantial experience in the field of professional education. This minor is not available to students in pending status in a School of Teacher Education major. Students who successfully complete this minor can expect to increase their marketability in careers that include educational components such as instructing, training, and lecturing. This minor is designed to promote student success in instructional settings, particularly in the K-12 school setting, but does not directly qualify students for teacher certification or admission into the College of Community Innovation and Education.

Minor Admission Requirements

- Have a minimum 2.5 overall GPA
- Complete the University General Education Program requirements or its equivalent, i.e. an A.A. degree from a Florida College System or State University System institution.

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

18 Total Credits

- Complete all of the following
 - Required Courses A C- or better is required in these courses
 - Complete the following:
 - EDG4410 - Teaching Strategies and Classroom Management (3)
 - EDF4467 - Learning Theory and Assessment (3)
 - TSL4080 - Theory and Practice of Teaching ESOL Students in Schools (3)
 - Complete at least 3 of the following:
 - LAE4342 - Programs in Teaching Language and Composition (3)
 - LAE4464 - Survey of Adolescent Literature (3)
 - LAE4360 - English Instructional Analysis (3)
 - LAE4360 - English Instructional Analysis (3)
 - LAE4466 - Canon, Young Adult Literature and the English Language Arts Curriculum (3)

Grand Total Credits: **18**

Program Details

- None

Foreign Language Requirements

- None

Other Requirements

- Students should see an advisor prior to registering for classes
- Students must complete 18 hrs of courses in English as co-requisites
- Obtain a minimum 2.5 GPA in courses required for minor
- At least 12 hours in the minor must be earned at UCF

Exceptional Student Education (B.S.)

College

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Major

Program Description

College of Community Innovation and Education
School of Teacher Education
Educational Complex & Gym (ED), 209
407-823-5791

Associate Lecturer and Academic Program Coordinator: Dr. Caroline Pratt Marrett
caroline.prattmarrett@ucf.edu

The Exceptional Education B.S. provides students a community-embedded teacher preparation program that culminates in certification in Exceptional Education K-12 with Reading and ESOL endorsements. The Exceptional Education program is appropriate for students interested in employment in K-12 settings working with students with disabilities. Exceptional Education is a critical shortage area and students may be eligible for funding under the TEACH grant. Information can be found at <https://finaid.ucf.edu/grants/teachgrant.html>.

This Exceptional Student Education (B.S.) program has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit <https://apq.ucf.edu/files/Licensure-Disclosure-CCIE-Exceptional-Ed-BS.pdf>

General Education (GEP)

Communication Foundations
9 Total Credits

- Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Preferred: SPC 1608 - Fundamentals of Oral Communication Credit Hours (3)

Cultural and Historical Foundations
9 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)

- MUL2016 - Evolution of Jazz (3)
- MUL2720 - Music of the World (3)
- PHI2010 - Introduction to Philosophy (3)
- REL2300 - World Religions (3)
- THE2000 - Theatre Survey (3)
- MUL2010 - Enjoyment of Music (3)
- Earn at least 3 credits from the following types of courses:
 GEP 6: Take one additional course from either Cultural and Historical Foundation, Area 1 or 2.
 Consider that some courses also partially satisfy the Gordon Rule requirement. Preferred: THE
 2000 - Theatre Survey Credit Hours (3) PHI 2010 - Introduction to Philosophy Credit Hours (3) MUL
 2010 - Enjoyment of Music Credit Hours (3)

Mathematics Foundations

6 - 7 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
 GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - Preferred: MAC 1105C - College Algebra Credit Hours (3) MGF 1106 - Finite Mathematics Credit
 Hours (3)
 - Complete at least 1 courses from the following:
 GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)
 - Preferred: STA 2014 - Principles of Statistics Credit Hours (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
 GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - Preferred: PSY 2012 - General Psychology Credit Hours (3)
 - Complete at least 1 courses from the following:
 GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
 - Preferred: POS 2041 - American National Government Credit Hours (3)

Science Foundations

6 - 8 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
 GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)

- CHS1440 - Principles of Chemistry (4)
- PHY1038 - Physics of Energy, Climate Change and Environment (3)
- PHY2020 - Concepts of Physics (3)
- PHY2048 - General Physics Using Calculus I (3)
- PHY2053 - College Physics I (3)
- PSC1121 - Physical Science (3)
- Preferred: PSC 1121 - Physical Science Credit Hours (3)
- Complete at least 1 courses from the following:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)
- Preferred: BSC 1005 - Biological Principles Credit Hours (3)

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

CPP

3 Total Credits

- Complete all of the following
 - A grade of "C" (2.0) or better is required.
 - Complete the following:
 - EDF2005 - Introduction to the Teaching Profession (3)

Grand Total Credits: **3**

Degree Requirements

Core Requirements: Basic Level

12 Total Credits

- Complete all of the following
 - Courses taken at Florida College System institutions may substitute for select courses in Other Program Requirements with the permission of the department. A grade of "C" (2.0) or better is required.
 - Complete the following:
 - EDF2130 - Child and Adolescent Development for Educators (3)
 - EDF2720 - Children in Schools: Legal, Ethical and Safety Concerns (3)
 - Earn at least 6 credits from the following types of courses:
Electives with advisor approval

Core Requirements: Advanced Level

0 Total Credits

- Exceptional Education majors take a variety of courses related to children, adolescents, and adults with special needs, and their learning, development, and family environment. Students majoring in Exceptional Education take a series of core and specialization courses to prepare them to teach in the schools and to demonstrate the Florida Educator Accomplished Practices (FEAP). Early and continuous field experiences are provided to enhance the Exceptional Education major's program and to integrate theory and practice in actual school settings. Throughout the Exceptional Education program, students document and reflect upon their accomplishments in a Professional Portfolio, which is continuously reviewed by faculty. Please note: It is strongly recommended to take the Professional Education Test (PEd) portion of the FTCE during Semester II A grade of "C" (2.0) or better is required.

Semester I

15 Total Credits

- Complete the following:
 - EDG4410 - Teaching Strategies and Classroom Management (3)
 - EEX4070 - Teaching Exceptional Students (3)
 - EEX4601 - Introduction to Behavior Management (3)
 - RED3012 - Basic Foundations of Reading (3)
 - TSL4080 - Theory and Practice of Teaching ESOL Students in Schools (3)

Semester II
12 Total Credits

- Complete the following:
 - RED4519 - Diagnostic and Corrective Reading Strategies (3)
 - EEX3243 - Techniques for Exceptional Adolescents-Adults (3)
 - LAE4314 - Language Arts in the Elementary School (3)
 - EDF4467 - Learning Theory and Assessment (3)

Methods Content Area Course I
3 Total Credits

- Earn at least 3 credits from the following types of courses:
Elementary Content Area Course: MAE 3310 - Elementary Mathematics for Teaching I Credit Hours: 3 OR
Secondary Content Area Course: MAE 4360 - Mathematics Instructional Analysis Credit Hours: 4

Semester III
6 Total Credits

- Complete all of the following
 - Please note: It is strongly recommended to take the Professional Education Test (PEd) and the Exceptional Education Subject Area Exam portions of the Florida Teacher Certification Exam (FTCE) after completion of Semester I and II, but prior to Semester III and IV. Students must apply and be approved for either Internship I or the Practicum in Exceptional Student Education. Deadline dates and placement application are available through the Office of Clinical & Field Experiences at <https://ccie.ucf.edu/clinicalexp/>. A fee may be required as part of the placement application process. At least 50% of all specialization courses must be completed with a letter grade of "C" (2.0) or better before registering for Internship I or the Practicum in Exceptional Student Education. However, a minimum GPA of 2.5 is required in the education core/professional, specialization and overall for admission into Internship I or the Practicum in Exceptional Student Education.
 - Complete the following:
 - EEX3221 - Assessment of Exceptional Students (3)
 - RED4942 - Practicum for Assessment and Instruction of Reading (3)

Semester IV
9 Total Credits

- Complete all of the following
 - Students must apply and be approved for Internship II. Deadline dates and placement application are available through the Office of Clinical & Field Experiences at <https://ccie.ucf.edu/clinicalexp/>. A fee may be required as part of the placement application process. All methods courses and at least 80% of all specialization courses must be completed with a letter grade of "C" (2.0) or better before registering for Internship II. However, a minimum GPA of 2.5 is required in the education core/ professional, specialization and overall for admission into Internship II. A passing score on all applicable sections of the Florida Teacher Certification Examination (General Knowledge Test, Professional Education Test, and Subject Area Examination for Exceptional Student Education K-12) is strongly recommended before entry into student teaching (EEX 4941 Internship II). Satisfactory completion of Internship II requires the student to demonstrate proficiency in all 12 Florida Educator Accomplished Practices at the pre-professional level in accordance with State Board of Education Rule 6A-5.065. Students will participate in a field experience by enrolling in either EEX 3942 Internship I or EEX 3830 Practicum in Exceptional Student Education. Advisor approval required.
 - Complete the following:
 - EEX3241 - Methods for Academic Skills for Exceptional Students (3)
 - EEX4763 - Technology for Classroom Teachers of Students with Special Needs (3)
 - TSL4240 - Issues in Second Language Acquisition (3)

Methods Content Area Course II
3 Total Credits

- Earn at least 3 credits from the following types of courses:
Select one course from the Elementary OR Secondary Content Area: Elementary Content Area Courses (3 Credit Hours) MAE 3311 is a preferred Elementary Content Area course. SCE 3310 - Teaching Science in Elementary School Credit Hours: 3 or SSE 3312 - Teaching Social Science in the Elementary School Credit Hours: 3 or LAE 3414 - Literature for Children Credit Hours: 3 or MAE 3311 - Elementary Mathematics for Teaching II Credit Hours: 3 Secondary Content Area Courses (3 Credit Hours) SCE 4360 - Science Instructional Analysis Credit Hours: 4 or SSE 4361 - Social Science Instructional Analysis Credit Hours: 3 or LAE 4361 - Literacy Strategies in a Digital Age for Middle and High School Credit Hours: 3 or LAE 4464 - Survey of Adolescent Literature Credit Hours: 3

Semester V
3 Total Credits

- Complete all of the following
 - Complete the following:
 - EEX4066 - Curriculum, Theory and Instructional Strategies for Students with Special Needs (3)
 - Course Not Found
 - To enroll in EEX4066, you must be registered for EEX 4941 Internship II.

Grand Total Credits: **63**

Program Details

Restricted Electives

- None

Capstone Requirements

- None

Electives

- None

Foreign Language Requirements

Admissions

- State University System foreign language admission requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- Achieve a minimum overall 2.5 GPA within the major.
- Achieve a minimum 2.5 GPA in the education core coursework
- Achieve a minimum 2.5 GPA in the specialization coursework
- Achieve a minimum overall 2.5 GPA
- You must upload key assignments using the Via by Watermark platform. Key assignments are then assessed by faculty to provide evidence of candidate proficiency in all Florida Educator Accomplished Practices. All teacher education candidates, Lifelong Learning majors, and Early Childhood Development and Education majors (all ECDE tracks) are required to complete all Via requirements in order to be cleared for graduation. See <https://ccie.ucf.edu/explore-via/>
- Complete ESOL standards assessment tracking requirements in Via for the ESOL endorsement
- Pass all applicable sections of the Florida Teacher Certification Examination. See <http://www.fldoe.org> for test dates and test sites. Effective January 1, 2015, only examination results earned by educators within 10 years prior to the date of application for a new Florida Educator's Certificate with the Florida Department of Education may be acceptable for certification eligibility requirements (SBE Rule 6A-4.002)

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- None

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oegas.ucf.edu/alc/academic_learning_compacts.htm

Plan of Study

Freshman Year - Fall (12 Credit Hours)

- EME 2040 - Introduction to Technology for Educators **Credit Hours: 3**
- ENC 1101 - Composition I **Credit Hours: 3**

Select One: (3 Credit Hours)

- MAC 1105C - College Algebra **Credit Hours: 3**
- MGF 1106 - Finite Mathematics **Credit Hours: 3**

Select One: (3 Credit Hours)

- MUL 2010 - Enjoyment of Music **Credit Hours: 3**
- THE 2000 - Theatre Survey **Credit Hours: 3**
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3**

Freshman Year - Spring (12 Credit Hours)

- EDF 2130 - Child and Adolescent Development for Educators **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**
- PSY 2012 - General Psychology **Credit Hours: 3**

- PSC 1121 - Physical Science **Credit Hours: 3**

Freshman Year - Summer (3 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- BSC 1005 - Biological Principles **Credit Hours: 3**
- EDF 2005 - Introduction to the Teaching Profession **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- Cultural & Historical Foundation, Area 1 **Credit Hours: 3**
- Elective **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- Cultural & Historical Foundation, Area 3 (Prefer course from Cultural & Historical Foundation, Area 1) **Credit Hours: 3**
- STA 2014 - Principles of Statistics **Credit Hours: 3**
- EDF 2085 - Introduction to Diversity for Educators **Credit Hours: 3**
- EDF 2720 - Children in Schools: Legal, Ethical and Safety Concerns **Credit Hours: 3**
- Elective **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**
- EEX 4070 - Teaching Exceptional Students **Credit Hours: 3**
- EEX 4601 - Introduction to Behavior Management **Credit Hours: 3**
- RED 3012 - Basic Foundations of Reading **Credit Hours: 3**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- RED 4519 - Diagnostic and Corrective Reading Strategies **Credit Hours: 3**
- EEX 3243 - Techniques for Exceptional Adolescents-Adults **Credit Hours: 3**
- LAE 4314 - Language Arts in the Elementary School **Credit Hours: 3**
- EEX 4763 - Technology for Classroom Teachers of Students with Special Needs **Credit Hours: 3**

Methods Content Area Course I - Select one from:

Elementary Content Area Course

-
- MAE 3310 - Elementary Mathematics for Teaching I **Credit Hours: 3**

or - Secondary Content Area Course

- MAE 4360 - Mathematics Instructional Analysis **Credit Hours: 4**

Junior Year - Summer (6 Credit Hours)

- EEX 3221 - Assessment of Exceptional Students **Credit Hours: 3**
- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- EEX 3942 - Internship I Exceptional Education **Credit Hours: 3**
- EEX 3241 - Methods for Academic Skills for Exceptional Students **Credit Hours: 3**
- TSL 4240 - Issues in Second Language Acquisition **Credit Hours: 3**
- RED 4942 - Practicum for Assessment and Instruction of Reading **Credit Hours: 3**

Methods content area course II- Select one course from the Elementary OR Secondary Content Area:

Elementary Content Area Courses (3 Credit Hours)

- MAE 3311 is a preferred Elementary Content Area course.
 - SCE 3310 - Teaching Science in Elementary School **Credit Hours: 3**
- or
- SSE 3312 - Teaching Social Science in the Elementary School **Credit Hours: 3**
- or
- LAE 3414 - Literature for Children **Credit Hours: 3**
- or
- MAE 3311 - Elementary Mathematics for Teaching II **Credit Hours: 3**

Secondary Content Area Courses (3 Credit Hours)

- SCE 4360 - Science Instructional Analysis **Credit Hours: 4**

or

- SSE 4361 - Social Science Instructional Analysis **Credit Hours: 3**

or

- LAE 4361 - Literacy Strategies in a Digital Age for Middle and High School **Credit Hours: 3**

or

- LAE 4464 - Survey of Adolescent Literature **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- EEX 4066 - Curriculum, Theory and Instructional Strategies for Students with Special Needs **Credit Hours: 3**
- EEX 4941 - Internship **Credit Hours: 9**

Exceptional Student Education, Learning & Language Track (B.S.)

College

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Major

Is this program available 100% online?

Yes

UCF Online

Online Exceptional Student Education – Learning & Language, BS

Program Description

College of Community Innovation and Education
School of Teacher Education
Educational Complex & Gym (ED), 209
407-823-5791

Associate Lecturer and Academic Program Coordinator: Dr. Caroline Pratt Marrett
caroline.prattmarrett@ucf.edu

The Exceptional Student Education B.S. Learning & Language Track is specifically focused on students who wish to enhance their knowledge of exceptional students with an emphasis on language and communication. The Learning & Language Track prepares graduates for employment in a broad spectrum of professional opportunities including non-profits serving persons with disabilities and non-traditional educational agencies serving students with disabilities. Graduates will earn a Certificate in Language Development and Disorders as a part of the Exceptional Student Education Learning & Language track. Students seeking certification in exceptional student education must apply through their respective states.

Exceptional Student Education - Learning & Language (BS) may be completed fully online, although not all elective options or program prerequisites may be offered online. Newly admitted students choosing to complete this program exclusively via UCF online classes may enroll with a reduction in campus-based fees. [Click here to learn more about the online program.](#)

General Education (GEP)

Communication Foundations
9 Total Credits

- Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Preferred: SPC 1608 - Fundamentals of Oral Communication (3)

Cultural & Humanities Foundations
9 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Preferred: AMH 2010 - U.S. History: 1492-1877 (3)
 - Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)

- FIL2030 - History of Motion Pictures (3)
- FIL3036 - Film History I (3)
- FIL3037 - Film History II (3)
- LIT2110 - World Literature I (3)
- LIT2120 - World Literature II (3)
- MUH2017 - Survey of Rock Music (3)
- MUH2019 - American Popular Music, 1840s-present (3)
- MUL2016 - Evolution of Jazz (3)
- MUL2720 - Music of the World (3)
- PHI2010 - Introduction to Philosophy (3)
- REL2300 - World Religions (3)
- THE2000 - Theatre Survey (3)
- MUL2010 - Enjoyment of Music (3)
- Earn at least 3 credits from the following types of courses:
 GEP 6: Take one additional course from either Cultural and Historical Foundation, Area 1 or 2.
 Consider that some courses also partially satisfy the Gordon Rule requirement.
- Preferred: Course from Cultural & Historical Foundation, Area 2

Mathematical Foundations

6 - 7 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
 GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - Preferred: MGF 1106 - Finite Mathematics (3) or MAC 1105C - College Algebra (3)
 - Complete at least 1 courses from the following:
 GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)
 - Preferred: STA 2014 - Principles of Statistics (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
 GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - Complete at least 1 courses from the following:
 GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
 - Preferred: POS 2041 - American National Government (3)

Science Foundations

6 - 8 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
 GEP 11- Science Foundation

- AST2002 - Astronomy (3)
- CHM1020 - Concepts in Chemistry (3)
- CHM1032 - General Chemistry (3)
- CHM2045C - Chemistry Fundamentals I (4)
- CHS1440 - Principles of Chemistry (4)
- PHY1038 - Physics of Energy, Climate Change and Environment (3)
- PHY2020 - Concepts of Physics (3)
- PHY2048 - General Physics Using Calculus I (3)
- PHY2053 - College Physics I (3)
- PSC1121 - Physical Science (3)
- Preferred: PSC 1121 - Physical Science (3)
- Complete at least 1 courses from the following:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)
- Preferred: BSC 1005 - Biological Principles (3)

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

CPP

3 Total Credits

- Complete all of the following
 - A grade of "C" (2.0) or better is required.
 - Complete the following:
 - EDF2005 - Introduction to the Teaching Profession (3)

Grand Total Credits: **3**

Degree Requirements

Core Requirements: Advanced Level
0 Total Credits

- A grade of "C" (2.0) or better is required.

Education Core Requirements
37 - 39 Total Credits

- Complete all of the following
 - Complete the following:
 - EDF4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools (3)
 - TSL4080 - Theory and Practice of Teaching ESOL Students in Schools (3)
 - EEX3221 - Assessment of Exceptional Students (3)
 - EEX3241 - Methods for Academic Skills for Exceptional Students (3)
 - EEX3243 - Techniques for Exceptional Adolescents-Adults (3)
 - EEX3830 - Practicum in Exceptional Student Education (3)
 - EEX4070 - Teaching Exceptional Students (3)
 - EEX4204 - Instructional Strategies for Effective Inclusive Settings (1 - 3)
 - EEX4601 - Introduction to Behavior Management (3)
 - EEX4763 - Technology for Classroom Teachers of Students with Special Needs (3)
 - RED4043 - Content Reading in Kindergarten through Grade 12 (3)
 - EEX4250 - Reading Instruction in Exceptional Education (3)
 - Earn at least 3 credits from the following types of courses:
EEX 4054

Learning & Language Specialization Courses
20 Total Credits

- Complete all of the following
 - Earn at least 9 credits from the following types of courses:
Students are required to declare and complete a Certificate in Language Development and Disorders which will increase marketability in several professional areas. Students will select additional upper level electives (9 hours).
 - Complete the following:
 - LIN3713 - Language Science (3)
 - LIN3716 - Language Development (3)
 - LIN3716L - Language Development Lab (2)
 - SPA4400 - Language Disorders Across the Life Span (3)

Grand Total Credits: **57 - 59**

Program Details

Foreign Language Requirements

- None

Additional Requirements

- None

Plan of Study

Freshman Year - Fall (12 Credit Hours)

- Free Elective **Credit Hours: 3**
- ENC 1101 - Composition I **Credit Hours: 3**

Select one:

- MAC 1105C - College Algebra **Credit Hours: 3** or
- MGF 1106 - Finite Mathematics **Credit Hours: 3**

Select one:

- MUL 2010 - Enjoyment of Music **Credit Hours: 3** or
- THE 2000 - Theatre Survey **Credit Hours: 3** or
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3**

Freshman Year - Spring (13 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- PSY 2012 - General Psychology **Credit Hours: 3**
- PSC 1121 - Physical Science **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 1**

Freshman Year - Summer (6 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- EDF 2005 - Introduction to the Teaching Profession **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- BSC 1005 - Biological Principles **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- GEP B1 Elective **Credit Hours: 3**

Sophomore Year - Spring (12 Credit Hours)

- STA 2014C - Principles of Statistics **Credit Hours: 3**
- GEP B3 Elective (Prefer course from section B1) **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

-
- EEX 4070 - Teaching Exceptional Students **Credit Hours: 3**
 - LIN 3713 - Language Science **Credit Hours: 3**
 - EEX 4601 - Introduction to Behavior Management **Credit Hours: 3**
 - EEX 4250 - Reading Instruction in Exceptional Education **Credit Hours: 3**

Free elective Credits / Units: 3

Junior Year - Spring (14 Credit Hours)

- EEX 3221 - Assessment of Exceptional Students **Credit Hours: 3**
- LIN 3716 - Language Development **Credit Hours: 3**
- LIN 3716L - Language Development Lab **Credit Hours: 2**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**
- EEX 3243 - Techniques for Exceptional Adolescents-Adults **Credit Hours: 3**

Junior Year - Summer (6 Credit Hours)

- EDF 4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools **Credit Hours: 3**
- EEX 4204 - Instructional Strategies for Effective Inclusive Settings **Credit Hours: 1-3**

Senior Year - Fall (15 Credit Hours)

- EEX 4763 - Technology for Classroom Teachers of Students with Special Needs **Credit Hours: 3**
- EEX 3241 - Methods for Academic Skills for Exceptional Students **Credit Hours: 3**
- SPA 4400 - Language Disorders Across the Life Span **Credit Hours: 3**
- RED 4043 - Content Reading in Kindergarten through Grade 12 **Credit Hours: 3**
- EEX 4054 - Application and Theories for Students with Special Needs **Credit Hours: 2**

Senior Year - Spring (12 Credit Hours)

Upper Level Electives (9 credit Hours) will be taken based on student area of professional interest but may include Education or related fields.

- EEX 3830 - Practicum in Exceptional Student Education **Credit Hours: 3**

Exceptional Student Education Minor

College

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Minor

Program Description

**College of Community Innovation and Education
School of Teacher Education
Education Complex & Gym (ED), 315**

Program Coordinator: Dr. Maria Reyes
maria.reyes@ucf.edu

The Exceptional Student Education minor is intended to provide a limited, but substantive experience in the fields of education and exceptional children. The minor does not lead to teacher certification or admission to the College of Community Innovation and Education. The minor is appropriate for students who are seeking an enhanced understanding of education or are considering a career in the fields of education or exceptional education. This minor will strengthen the marketability of the student's major program.

Minor Admission Requirements

- Minimum 2.5 overall GPA
- Complete the University General Education requirements or its equivalent, i.e. an AA degree from an approved Florida College System or State University System institution.

Minor Requirements

- Students must earn a "C" (2.0) in all minor courses.
- Students must choose an elementary, early childhood or secondary focus.

Prerequisite Courses

- None

Degree Requirements

12 Total Credits

- Complete all of the following
 - Required Courses
 - Complete the following:
 - EEX4601 - Introduction to Behavior Management (3)
 - EEX4763 - Technology for Classroom Teachers of Students with Special Needs (3)
 - EEX3221 - Assessment of Exceptional Students (3)
 - EEX4066 - Curriculum, Theory and Instructional Strategies for Students with Special Needs (3)

6 Total Credits

Restricted Electives

- Complete 1 of the following
 - Choose Early Childhood Restricted Electives OR Elementary Restricted Electives OR Secondary Restricted Electives
 - Early Childhood Restricted Electives
 - Complete the following:
 - EEX3450 - Young Children With Special Needs (3)
 - EEX3241 - Methods for Academic Skills for Exceptional Students (3)
 - Elementary Restricted Electives
 - Complete the following:
 - EEX4070 - Teaching Exceptional Students (3)
 - EEX3241 - Methods for Academic Skills for Exceptional Students (3)
 - Secondary Restricted Electives
 - Complete the following:
 - EEX4242 - Teaching Exceptional Students in Secondary Settings (3)
 - EEX3243 - Techniques for Exceptional Adolescents-Adults (3)

Grand Total Credits: **18**

Program Details

Foreign Language Requirements

- None

Other Requirements

- A minimum GPA of 2.5 in all Gordon Rule classes including ENC 1101, ENC 1102, and two college level math courses, MAC 1105C or higher, are required.
- No credit by exam (CLEP, Military credit) may be used. Transfer credits from other universities will be considered.
- Note: Completion of the minor does not complete the requirements for certification in Exceptional Student Education nor does it constitute admission in the College of Community Innovation and Education.

Forensic Science and the Legal System

College

College of Community Innovation and Education

Department

Department of Legal Studies

Program Type

Certificate

Program Contact Information

College of Community Innovation and Education

College of Sciences

Department of Legal Studies, Health and Public Affairs I, Room: 343

<https://ccie.ucf.edu/legalstudies/>

Email: legalstudies@ucf.edu

Department of Chemistry, Physical Sciences, Room: 255

<https://sciences.ucf.edu/chemistry/>

Email: chemstaff@ucf.edu

Dr. Margarita Koblasz, drk@ucf.edu

Dr. Tamra Legron-Rodriguez, tamra.legron-rodriguez@ucf.edu

Admission Requirements

None

Program Description

This Certificate is a collaboration between Legal Studies and Forensic Science, which provides students with a working knowledge of criminal law, advocacy, and forensic science. This certificate offers students interested in becoming lawyers and forensic expert witnesses with an understanding of both disciplines. The program requires 15 credit hours of undergraduate work.

Prerequisite Admission Courses

- There are no certificate program prerequisites; however individual courses may have prerequisites.

Degree Requirements

Required Courses

9 Total Credits

- Complete the following:
 - CHS3501 - Introduction to Forensic Science (3)
 - CHS3595 - Forensic Science in the Courtroom (3)
 - PLA3306 - Criminal Law (3)

Restricted Electives

6 Total Credits

- Complete at least 2 of the following:
 - PLA3309 - Criminal Procedure (3)
 - PLA4263 - Evidence (3)
 - PLA4910 - Trial Advocacy (3)

Grand Total Credits: **15**

Program Details

Foreign Language Requirements

None

Total Semester Hours Required

15

Other Requirements

- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit cannot be used toward the certificate.
- At least 12 hours used in the program must be earned at UCF.
- Course substitutions must be approved in advance by the Program Coordinator of the Legal Studies Program.

Health Informatics and Information Management (B.S.)

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

Program Type

Major

Is this program available 100% online?

Yes

UCF Online

Online Health Informatics and Information Management, BS

Program Description

College of Community Innovation and Education

School of Global Health Management and Informatics

Dr. Phillips Academic Commons (DPAC) - UCF Downtown, 401

407-823-2359

HIIIM@ucf.edu

CCIE Interim Associate Dean, Academic Affairs; Health Informatics and Information Management Undergraduate Program Director; and Associate Professor: Dr. Alice M. Noblin

407-823-2359

alice.noblin@ucf.edu

Health Informatics and Information Management (B.S.) may be completed fully online , although not all elective options or program prerequisites may be offered online. Newly admitted students choosing to complete this program exclusively via UCF online classes may enroll with a reduction in campus-based fees.

Admission Requirements

- Separate application to the limited access program must be made directly to the program prior to March 1 for fall admission of the year admission is sought or October 1 for the following year spring admission.
- UCF application must also be submitted by the program deadline of March 1st for fall and October 1st for spring. Acceptance to UCF is necessary before acceptance to the program can occur.
- This limited access program is work-intensive and courses include clinical practice in a variety of settings. Due to this it is strongly recommended that students be at least one year post high school prior to applying to the program. Students with concerns or questions should contact the program to schedule an appointment with an advisor.
- Student must complete all general education, foreign language admissions, and program prerequisites prior to the start of the program.
- All applicants must have a minimum overall GPA of 2.5 and complete all program prerequisite courses with at least a grade of "C" (2.0)
- Acceptance to the university does not necessarily constitute admission to the upper division Health Informatics and Information Management program.

Degree Requirements

- Students who are pending Health Informatics and Information Management and are admitted to the program must adopt the most current catalog
- Students should complete the General Education Program, Foreign Language Admissions and the Common Program Prerequisites Requirements before transferring within the Florida College System or State University System.
- Students should consult with a departmental advisor
- The courses designated in sections 1 and 2 below may be taken at a Florida College System institution, and should be completed in the first 60 hours
- A minimum overall GPA of 2.5 and a minimum grade of "C" (2.0) in prerequisite and major courses is required for admission to, continuation in, and graduation from the Health Informatics and Information Management Program
- UCF Residency Requirement: 30 hours

General Education (GEP)

Communication Foundations

9 Total Credits

- Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:

GEP 3- Communication Foundation

- COM1000 - Introduction to Communication (3)
- SPC1603C - Fundamentals of Technical Presentations (3)
- SPC1608 - Fundamentals of Oral Communication (3)

Cultural and Historical Foundations

9 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:

GEP 4- Historical & Cultural Foundation

 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Complete at least 1 courses from the following:

GEP 5- Historical & Cultural Foundation

 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - Complete at least 1 courses from the following:

GEP 4- Historical & Cultural Foundation

 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)

GEP 5- Historical & Cultural Foundation

 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)

- THE2000 - Theatre Survey (3)
- MUL2010 - Enjoyment of Music (3)

Mathematical Foundations

6 - 7 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - MAC 1105C Preferred
 - Complete the following:
 - CGS2100C - Computer Fundamentals for Business (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - Complete at least 1 courses from the following:
GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundations

6 - 8 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - Complete at least 1 courses from the following:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)
 - BSC 2010C Preferred

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

CPP

20 Total Credits

- Complete all of the following
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information. See Transfer Notes for ZOO 3733C and CGS 2100C
 - Complete the following:
 - ZOO3733C - Human Anatomy (4)
 - PCB3703C - Human Physiology (4)
 - CGS2100C - Computer Fundamentals for Business (3)
 - ACG2021 - Principles of Financial Accounting (3)
 - ACG2071 - Principles of Managerial Accounting (3)
 - Complete at least 1 of the following:
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)

Grand Total Credits: **20**

Degree Requirements

Core Requirements: Advanced Level

63 Total Credits

- Complete all of the following
 - Complete the following:
 - HSA3423 - Health Law (3)
 - HSA3170 - Health Care Finance (3)
 - HSA4109 - Principles of Healthcare Reimbursement, Insurance, and Managed Care Plans (3)
 - HSA4191 - Fundamentals of Health Information Technology (3)
 - HSC3537 - Medical Terminology (3)
 - HIM4624 - Health Data Management (3)
 - HIM3006 - Foundations of Health Information Management (HIM) (3)
 - HIM3806C - Professional Practice Experience I (3)
 - HIM4816C - Professional Practice Experience II (3)
 - HIM4226C - ICD Diagnosis Coding (5)
 - HIM4256C - Outpatient Procedural Coding and Reimbursement (3)
 - HIM4676 - Professional Development and Issues in Health Information Management (3)
 - HIM4726 - ICD Procedure Coding (3)
 - HIM4838 - Management Affiliation (3)
 - HIM4998 - Internship Orientation
 - HIM3116 - Health Record Organization & Management (3)
 - HIM4344C - Health Information Department Management (4)
 - HIM4508C - Quality Management (3)
 - HIM4656C - Health Information Management Systems (3)
 - Complete at least 1 of the following:
 - HSA4180 - Organization & Management for Health Agencies I (3)
 - MAN3025 - Management of Organizations (3)
 - Earn at least 3 credits from the following:
 - HSA4702 - Health Sciences Research Methods (3)
 - HIM4243 - Value Based Reimbursement (3)
 - HSA4003 - The Patient Experience from an Administrator's Perspective (3)

Grand Total Credits: **63**

Program Details

Additional Requirements

As a requirement for the Bachelor of Science in Health Informatics and Information Management major, students must complete an internship within the HIM realm of an actual health care organization. The internship program

takes 2 semesters to complete: one orientation semester and one internship semester. In order to participate in the HIIM Internship the student must have completed or earned credit for HIM 3806- Professional Practice Experience I, HIM 4816- Professional Practice Experience II and HIM 4998- Internship Orientation. Additionally, many health care organizations will require that students complete a background check, which may include, but not be limited to, law enforcement finger printing, state driving records, credit reports, and criminal records check. The cost of the background check is the student's responsibility. Background checks may take time to complete and, subsequently, could delay the student's internship placement. Students who have potential background issues must contact the Director of Internships to schedule an interview in order to discuss the impact on field placement. The Health Informatics and Information Management program cannot guarantee internship placement or subsequent degree completion for students who do not pass background checks. A fee may be required as part of the placement application process for the internship program. Students will receive all the information they need, as well as access to internships they may apply for during HIM 4998 -Internship Orientation.

Required Minors

- None

Departmental Exit Requirements

A minimum 2.5 overall GPA is required for graduation. Upon completion of the approved program, the student is eligible to submit an application for writing the national registration examination administered by the American Health Information Management Association to qualify as a Registered Health Information Administrator.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Additional Information

Honors In Major

- None

Related Programs

Health Services Administration (B. S.)

Business Administration

Computer Science (B. S.)

Certificates

None

Related Minors

Health Services Administration Minor

Healthcare Quality and Revenue Management

Business Minor
Computer Science Minor

Advising Notes

None

Transfer Notes

Florida College System Equivalents:

Human Anatomy & Physiology I & II (BSC X085 and X086)
Financial Accounting (ACG 2021)
Managerial Accounting (ACG 2071)
Statistics (STA 2014C or STA 2023)
Computer Science for Business (CGS 2100C or CGS 1060)

Acceptable Substitutes for Transfer Courses

None

Program Academic Learning Compacts

Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at:
http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Plan of Study

Freshman Year - Fall (15 Credit Hours)
MAC 1105C College Algebra
ENC 1101 Composition I
CHM 1032 General Chemistry
HSA 2117 Civic Engagement in the US Healthcare System

Freshman Year - Spring (16 Credit Hours)
ENC 1102 Composition II
STA 2014C Principles of Statistics
BSC 2010C Biology I
GEP Historical Credit Hours: 3
GEP Social Credit Hours: 3

Sophomore Year - Fall (13 Credit Hours)
ZOO 3733C Human Anatomy
CGS 2100C Computer Fundamentals for Business
ACG 2021 Principles of Financial Accounting
GEP Historical Credit Hours: 3

Sophomore Year - Spring (13 Credit Hours)
ACG 2071 Principles of Managerial Accounting
PCB 3703C Human Physiology
GEP Communication Credit Hours: 3
GEP Cultural Credit Hours: 3

Junior Year - Fall (15 Credit Hours)
HSA 4109 Principles of Healthcare Reimbursement, Insurance, and Managed Care Plans
HSA 4191 Fundamentals of Health Information Technology

HSC 3537 Medical Terminology
HIM 3006 Foundations of Health Information Management (HIM)

Select One: (3 Credit Hours)
MAN 3025 Management of Organizations
HSA 4180 Organization & Management for Health Agencies I

These courses may be taken at any time during the two years. Certain HIM courses are offered only during the semester in which they appear on this schedule and are restricted to majors only.

Junior Year-Spring (14 Credit Hours)
HIM 4226C ICD Diagnosis Coding
HIM 3116C Health Record Organization and Management
HIM 3806C Professional Practice Experience I
HIM 4624 Health Data Management

Junior Year - Summer (6 Credit Hours)
HSA 3423 Health Law
HIM 4256C Outpatient Procedural Coding and Reimbursement

Senior Year - Fall (13 Credit Hours)
HIM 4508C Quality Management
HIM 4726 ICD Procedure Coding
HIM 4344C Health Information Department Management
HIM 4816L - Professional Practice Experience II Credit Hours: 3

HIM 4998 Internship Orientation

Senior Year - Spring (12 Credit Hours)
HSA 3170 Health Care Finance
HIM 4676 Professional Development and Issues in Health Information Management

HIM 4838 Management Affiliation
HIM 4656C Health Information Management Systems

These courses may be taken at any time during the two years. Certain HIM courses are offered only during the semester in which they appear on this schedule and are restricted to majors only.

Health Informatics and Information Management Minor

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

Program Type

Minor

Program Description

College of Community Innovation and Education

School of Global Health Management and Informatics

Dr. Phillips Academic Commons (DPAC) - UCF Downtown, 401

407-823-2359

HIM@ucf.edu

CCIE Interim Associate Dean, Academic Affairs; Health Informatics and Information Management Undergraduate Program Director; and Associate Professor: Dr. Alice M. Noblin

407-823-2359

alice.noblin@ucf.edu

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

20 Total Credits

- Complete the following:
 - HIM3006 - Foundations of Health Information Management (HIM) (3)
 - HIM4508C - Quality Management (3)
 - HIM4656C - Health Information Management Systems (3)
 - HSC3537 - Medical Terminology (3)
 - HIM4226C - ICD Diagnosis Coding (5)
 - HIM4256C - Outpatient Procedural Coding and Reimbursement (3)

Grand Total Credits: **20**

Program Details

Restricted Electives

- None

Foreign Language Requirements

- None

Other Requirements

- A minimum overall GPA of 2.5 is required. A minimum grade of "C" (2.0) is required in each course for the minor.
- At least 15 hours used in the minor must be earned at UCF within the department.
- No credit by examination (TSD, Military credit) may be used.
- Internship or Independent Study credit cannot be used toward the minor without departmental approval.

Health Services Administration (B.S.)

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

Program Type

Major

Program Contact Information

College of Community Innovation and Education
School of Global Health Management and Informatics
Dr. Phillips Academic Commons (DPAC) - UCF Downtown, 401
407-823-2359
hsainfo@ucf.edu

Undergraduate Program Director: Dr. Mark Bush
mark.bush@ucf.edu

Is this program available 100% online?

Yes

UCF Online

Online Health Services Administration, BS

Admission Requirements

None

Program Description

This program is currently available online and in the classroom. Students who choose to take online courses are urged to complete either CGS 2100C or CGS 1060C prior to enrolling in online-based courses. After enrolling in online courses, students should visit <http://learn.ucf.edu>. Students must complete all University-wide graduation requirements (general education, foreign language, Gordon Rule, etc.), some of which are rarely online. Prerequisite courses are rarely offered online. For more information, see <http://distrib.ucf.edu/home>. Students in this major are required to have an overall GPA of 2.5 or better upon graduation. Although a minimum overall GPA of 2.5 is needed for the program, students should plan to maintain a higher GPA to be competitive for graduate programs in Health Services Administration as those programs require a GPA of at least 3.0 for admission.

Health Services Administration (B.S.) may be completed fully online with the exception of internship, although not all elective options or program prerequisites may be offered online. Newly admitted students choosing to complete this program exclusively via UCF online classes may enroll with a reduction in campus-based fees.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog
- Students should complete the General Education Program and the Common Program Prerequisites before transferring within the Florida College System or State University System.
- Students should consult with a departmental advisor prior to first semester of enrollment.
- The courses designated in sections 1 and 2 below may be taken at a Florida College System institution, and should usually be completed in the first 60 hours
- UCF Residency Requirement: 30 hours
- HSA Residency Requirement: Students must complete at least 42 credit hours of the core requirements at UCF in the Health Management and Informatics Department.
- Students must achieve at least 2.5 overall GPA for graduation.
- Satisfactory completion of HSA 4850 - Health Services Administration Internship

General Education (GEP)

Communication Foundations

9 Total Credits

- Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

Cultural and Historical Foundations

9 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)

- ARH2050 - History of Western Art I (3)
- ARH2051 - History of Western Art II (3)
- FIL1000 - Cinema Survey (3)
- FIL2030 - History of Motion Pictures (3)
- FIL3036 - Film History I (3)
- FIL3037 - Film History II (3)
- LIT2110 - World Literature I (3)
- LIT2120 - World Literature II (3)
- MUH2017 - Survey of Rock Music (3)
- MUH2019 - American Popular Music, 1840s-present (3)
- MUL2016 - Evolution of Jazz (3)
- MUL2720 - Music of the World (3)
- PHI2010 - Introduction to Philosophy (3)
- REL2300 - World Religions (3)
- THE2000 - Theatre Survey (3)
- MUL2010 - Enjoyment of Music (3)
- Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)

Mathematical Foundations

6 - 7 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - Complete at least 1 of the following:
 - CGS2100C - Computer Fundamentals for Business (3)
 - CGS1060C - Introduction to Computers (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:

GEP 9- Social Foundation

- ANT2000 - General Anthropology (3)
- HSA2117 - Civic Engagement in the US Healthcare System (3)
- PSY2012 - General Psychology (3)
- SYG2000 - Introduction to Sociology (3)
- Complete the following:
 - ECO2023 - Principles of Microeconomics (3)

Science Foundations

6 - 8 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:

GEP 11- Science Foundation

 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - Complete at least 1 courses from the following:

GEP 12- Science Foundation

 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

CPP

9 Total Credits

- Complete all of the following
 - Students must earn a "C" (2.0) or better in each Common Program Prerequisite See "Common Prerequisites" in the Transfer and Transitions Services section for more information. In addition to CGS 1060 and ECO 2023 from the GEP
 - Complete the following:
 - ACG2071 - Principles of Managerial Accounting (3)
 - ACG2021 - Principles of Financial Accounting (3)
 - STA2023 - Statistical Methods I (3)

Grand Total Credits: **9**

Degree Requirements

Core Requirements: Advanced Level
48 Total Credits

- Complete all of the following
 - Students must earn a "C" (2.0) or better in each Core Requirement
 - Complete the following:
 - HSA3104 - Health Services Administration Cornerstone (3)
 - HSA3111 - U.S. Health Care Systems (3)
 - HSA3170 - Health Care Finance (3)
 - HSA3222 - Long Term Care and Administration (3)
 - HSA3430 - Health Care Economics (3)
 - HSA4109 - Principles of Healthcare Reimbursement, Insurance, and Managed Care Plans (3)
 - HSA4180 - Organization & Management for Health Agencies I (3)
 - HIM4508C - Quality Management (3)
 - HSC3537 - Medical Terminology (3)
 - HSC4500 - Epidemiology (3)
 - HSC4652 - Health Law and Ethics (3)
 - HSA4184 - Organization & Management for Health Agencies II (3)
 - HSA4191 - Fundamentals of Health Information Technology (3)
 - HSC4201 - Community Health (3)
 - Complete the following:
 - HSA4853 - Internship Orientation
 - HSA 4853 must be completed no more than one semester prior to HSA 4850.
 - Earn at least 3 credits from the following:
 - HSA4850 - Health Services Administration Internship (1 - 99)
 - Complete at least 1 of the following:
 - HSA4702 - Health Sciences Research Methods (3)
 - HSA4003 - The Patient Experience from an Administrator's Perspective (3)

Capstone Requirements
3 Total Credits

- Complete the following:
 - HSA4939 - Health Services Administration Capstone (3)

Grand Total Credits: **51**

Program Details

Restricted Electives

- None

Electives

- Students are encouraged to select with their advisor additional Health Service Administration courses as electives or other courses that will enhance their background in the health care industry. These may be used to build minors and certificates offered by the University. Examples include: Health Informatics and Information Management, Health Sciences, Aging Studies, Public Administration, and Business.

Foreign Language Requirements
Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- Students who transfer with an AA degree from a Florida College System institution and will be pursuing a BS degree must meet the University foreign language admission requirements for graduation.

Additional Requirements

- As a requirement for the Bachelor of Science in Health Services Administration major, students must complete an internship within the administrative realm of an actual health care organization. The internship program takes two semesters to complete: one orientation semester and one internship semester. In order to participate in the HSA Internship the student must: 1) Have earned at least 90 Credit Hours prior to the start of the semester in which they must take internship orientation (a zero credit hour course); 2) Have earned at least 24 HSA Credit Hours prior to the start of the semester in which the internship begins; 3) Have a Major GPA of 2.75 prior the start of the semester in which the internship begins. Additionally, many health care organizations will require that students complete a background check, which may include, but not be limited to, law enforcement finger printing, state driving records, credit reports, and criminal records check. The cost of the background check is the student's responsibility. Background checks may take time to complete and, subsequently, could delay the student's internship placement. Students who have potential background issues must contact the Director of Internships to schedule an interview in order to discuss the impact on field placement. The Health Services Administration Program cannot guarantee internship placement or subsequent degree completion for students who do not pass background checks and/or receive a passing grade in the Internship course. Students must also pay a technology fee as part of their internship program. Students will receive all the information they need, as well as access to internships they may apply for during HSA 4853--Internship Orientation.

Required Minors

- None

Departmental Exit Requirements

- Students earn an overall GPA of at least 2.5 for all coursework.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- Interested students should consult with a faculty advisor.

Related Programs

- Public Administration (B.A. or B.S.)
- Health Informatics and Information Management (B.S.)

Certificates

- Aging Studies Certificate

Related Minors

- Aging Studies Minor
- Health Informatics and Information Management Minor
- Health Sciences Minor
- Public Administration Minor

Advising Notes

- Students are urged to have access to a personal computer, modem, and appropriate software to interact with the University and professors.
- A variety of internship opportunities is available for HSA majors all over the country. Students do not have to reside in Central Florida to complete the internship but must meet Eligibility Requirements.
- Students will be referred to a faculty member for the purpose of career advising.

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oemas.ucf.edu/alc/academic_learning_compacts.htm

Health Services Administration Minor

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

Program Type

Minor

Program Description

College of Community Innovation and Education
School of Global Health Management and Informatics
Dr. Phillips Academic Commons (DPAC) - UCF Downtown, 401
407-823-2359
hsainfo@ucf.edu

Undergraduate Program Director: Dr. Mark Bush
mark.bush@ucf.edu

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

18 Total Credits

- Complete all of the following
 - Required Courses
 - Complete the following:
 - HSA3111 - U.S. Health Care Systems (3)
 - HSC4201 - Community Health (3)
 - HSA4180 - Organization & Management for Health Agencies I (3)
 - HSA4191 - Fundamentals of Health Information Technology (3)
 - HSC4500 - Epidemiology (3)
 - Restricted Electives: Additional prerequisite courses may be required
 - Complete at least 1 of the following:
 - HSC4652 - Health Law and Ethics (3)
 - HSA4109 - Principles of Healthcare Reimbursement, Insurance, and Managed Care Plans (3)
 - HIM4508C - Quality Management (3)
 - HSA4702 - Health Sciences Research Methods (3)

Grand Total Credits: **18**

Program Details

Foreign Language Requirements

- None

Other Requirements

- A minimum GPA of 2.5 is required in all coursework, and a minimum grade of "C" (2.0) is required in all courses for the minor.
- At least 15 hours used in the minor must be earned at UCF within the Health Management and Informatics Department.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit cannot be used toward the minor.

Healthcare Quality and Revenue Management Minor

College

College of Community Innovation and Education

Department

School of Global Health Management and Informatics

Program Type

Minor

Program Description

College of Community Innovation and Education
School of Global Health Management and Informatics
Dr. Phillips Academic Commons (DPAC) - UCF Downtown, 401
407-823-2359
HIIM@ucf.edu

The Healthcare Quality and Revenue Management minor is geared to healthcare revenue cycle management. In addition to medical coding for inpatient claims, students learn about quality pay for performance programs such as the Medicare Merit-Based Incentive Payment System and Patient Satisfaction surveys.

Degree Requirements

20 Total Credits

- Complete the following:
 - HSC3537 - Medical Terminology (3)
 - HIM4226C - ICD Diagnosis Coding (5)
 - HIM4243 - Value Based Reimbursement (3)
 - HIM4508C - Quality Management (3)
 - HSA4109 - Principles of Healthcare Reimbursement, Insurance, and Managed Care Plans (3)
 - HSA4003 - The Patient Experience from an Administrator's Perspective (3)

Grand Total Credits: **20**

Program Details

Prerequisite Courses:

None

Restricted Electives:

None

Foreign Language Requirements:

None

Other Requirements:

- A minimum overall GPA of 2.5 is required. A minimum grade of "C" (2.0) is required in each course for the minor.
- At least 15 hours used in the minor must be earned at UCF within the department.
- No credit by examination (TSD, Military credit) may be used.
- Internship or Independent Study credit cannot be used toward the minor without departmental approval.

Human Services Minor

College

College of Community Innovation and Education

Program Type

Minor

Program Description

College of Community Innovation and Education
Department of Counselor Education and School Psychology
Education Complex & Gym (ED), Room: 322
407-823-6106
counsel@ucf.edu

Associate Professor: Dr. Melissa Zeligman
Melissa.Zeligman@ucf.edu

The Human Services minor is intended to provide students with an introduction to the human services profession and develop skills and knowledge associated with this field. The courses required for this minor help students acquire basic competencies such as communication, counseling and helping skills, knowledge of human services theory and awareness of the impact of race, gender, ethnicity, family, spirituality, government, education and social systems on the delivery of human services. Students in the 2015 catalog year and beyond may declare this minor.

Admission Requirements

- Have a minimum 2.5 overall GPA
- Complete the University General Education Program requirements or its equivalent (i.e. an A.A. degree from an approved Florida College System or State University System institution).

Minor Requirements

- Students should contact an advisor prior to registering for classes.
- At least 12 hours in the minor must be earned at UCF.
- Students must earn a grade of "C" or better in all courses required for the minor.
- Must maintain a minimum overall MINOR GPA of 2.5.

Prerequisite Courses

- None

Degree Requirements

18 Total Credits

- Complete all of the following
 - Required Courses
 - Complete the following:
 - MHS2090 - Introduction to Human Services (3)
 - MHS2330 - Career Planning I (3)
 - MHS2441 - Couples, Families and Intimate Relationships (3)
 - MHS3052 - Helping Skills for Human Service Providers (3)
 - MHS3426 - Diversity Issues in Human Services (3)
 - Restricted Electives
 - Earn at least 3 credits from the following types of courses:
Courses with PSY, SOW, DEP, EEC, or EEX prefix (selected with advisor's approval)

Grand Total Credits: **18**

Program Details

Foreign Language Requirements

- None

Other Requirements

- No credit by exam (CLEP, Military Credit) may be used. Transfer credits from other colleges/universities may be considered.

Individual Liberties Certificate

College

College of Community Innovation and Education

Department

Department of Legal Studies

Program Type

Certificate

Program Description

**College of Community Innovation and Education
Legal Studies Department
Dr. Phillips Academic Commons (DPAC) - UCF Downtown, 430**

Program Academic Advisor: Mrs. Kristal Johnson

k.johnson@ucf.edu

**College of Sciences
School of Politics, Security, and Intl Affairs
Howard Phillips Hall (HPH), 302**

Lecturer: Dr. Barry Edwards
politics@ucf.edu

The goal of the Individual Liberties Certificate is to provide students with an understanding of the substantive and procedural aspects of criminal law, as well as an in-depth knowledge of individual liberties and rights as they relate to citizen-government relations. This Certificate is appropriate for any student planning to attend law school or who is planning to seek employment in a law office or criminal justice agency.

Degree Requirements

15 Total Credits

- Complete all of the following
 - Required Courses: Students must satisfy the prerequisites, if any, for each course before enrolling in the class.
 - Complete the following:
 - PLA3306 - Criminal Law (3)
 - POS4604 - American Constitutional Law II (3)
 - Restricted Electives: Students must satisfy the prerequisites, if any, for each course before enrolling in the class.
 - Complete at least 3 of the following:
 - CPO4784 - Political and Economic Inequality in Comparative Perspective (3)
 - INR4075 - Human Rights Policy (3)
 - PLA3309 - Criminal Procedure (3)
 - PLA4020 - Law and Society (3)
 - PLA4022 - Contemporary Issues in Law (3)
 - POS3234 - Protest in American Politics (3)
 - POS4622 - Politics and Civil Rights (3)
 - POS4623 - Guns, Freedom and Citizenship (3)
 - PUP3314 - Minorities in American Politics (3)
 - PLA4886 - Sexuality, Gender, & the Law (3)

Grand Total Credits: **15**

Program Details

Additional Information

Foreign Language Requirements

- None

Total Semester Hours Required

- 15

Other Requirements

- A minimum overall GPA of 2.0 is required in courses used to satisfy the certificate.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit cannot be used toward the certificate.
- At least 12 hours used in the program must be earned at UCF.

Legal Studies (B.A. or B.S.)

College

College of Community Innovation and Education

Department

Department of Legal Studies

Program Type

Major

Program Website

<https://www.ucf.edu/degree/legal-studies-bs/>

Program Contact Information

College of Community Innovation and Education
Legal Studies Department
Dr. Phillips Academic Commons (DPAC) - UCF Downtown, 435
407-823-1670

Academic Program Coordinator: Dr. Christy Foley

Christy.foley@ucf.edu

Internship Coordinator: *legalstudies@ucf.edu*

Program Academic Advisor: Sean Donovan, *sean.donovan@ucf.edu*

Is this program available 100% online?

Yes

UCF Online

Online Legal Studies, BA/BS

Admission Requirements

None

Program Description

The Legal Studies program provides students with a broad understanding of basic principles of the law and the role and function of the legal system. In addition to preparing students for law-related careers, the program provides a solid foundation for law school. While no specific major is required for admission to law school, a degree in Legal Studies presents students with an unparalleled opportunity for law school preparation. All Legal Studies faculty are graduates of ABA-approved law schools, and practice/have practiced law.

Legal Studies students are encouraged to work closely with their program advisor in planning degree completion and career goals. Satisfactory completion of program requirements leads to the degree of Bachelor of Arts (B.A.) or Bachelor of Science (B.S.) in Legal Studies. The B.A. requires two semesters of college-level foreign language; the B.S. requires two years of high school foreign language.

Legal Studies (B.A. or B.S.) may be completed fully online. Every semester, the Legal Studies Department offers a variety of online PLA Elective courses. The Legal Studies Core are offered online every semester. Newly admitted students choosing to complete this program through the UCF Online Track may enroll with reduced campus-based fees.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students should complete the General Education Program before transferring within the Florida College System or State University System.
- Students should regularly meet with their program advisor.
- The courses designated in section 1 below may be taken at a Florida College System institution, and should usually be completed in the first 60 hours.
- 33 hours of PLA coursework must be taken at UCF.
- 2.0 in all PLA coursework at UCF and overall.

General Education (GEP)

- Complete all of the following

- Complete all of the following
 - Complete all of the following
 - Complete all courses from the following:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Complete at least courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - GEP 6- Historical & Cultural Foundation - choose a course from GEP 4 or GEP 5.
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)

- MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - Complete at least 1 courses from the following:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)
- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - Complete at least 1 courses from the following:
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **33 - 36**

Degree Requirements

Core Requirements: Advanced Level
12 Total Credits

- Complete all of the following
 - All core requirements must be completed with a minimum grade of "C" (2.0) to satisfy the major.
 - Complete the following:
 - PLA3014 - Law and the Legal System (3)
 - PLA3108 - Legal Research (3)
 - PLA3155 - Legal Writing (3)
 - PLA4705 - Professionalism & Civility in the Law (3)

Restricted Electives
36 Total Credits

- Complete all of the following
 - Earn at least 24 credits from the following types of courses:
Students must select at least two (2) courses from at least four (4) of the following areas of concentration: Law and Policy PLA 3277 - The Law of Torts Credit Hours: 3 PLA 3306 - Criminal Law Credit Hours: 3 PLA 3309 - Criminal Procedure Credit Hours: 3 PLA 4020 - Law and Society Credit Hours: 3 PLA 4022 - Contemporary Issues in Law Credit Hours: 3 PLA 4485 - Administrative Law Credit Hours: 3 PLA 4554 - Environmental Law Credit Hours: 3 PLA 4510 - Law and Emotion Credit Hours: 3 PLA 4511 - Law and Human Behavior Credit Hours: 3 PLA 4886 - Sexuality, Gender, & the Law Credit Hours: 3 PLA 4887 - Law, Social Science, and the Criminal Courts Credit Hours: 3 Advocacy PLA 3205 - Civil Practice and Procedure Credit Hours: 3 PLA 3951H - Honors Moot Court Credit Hours: 3 PLA 4226 - Advanced Trial Advocacy Credit Hours: 3 PLA 4240 - Negotiation Alternatives in Law Credit Hours: 3 PLA 4263 - Evidence Credit Hours: 3 PLA 4703 - Professional Ethics and Liability Credit Hours: 3 PLA 4910 - Trial Advocacy Credit Hours: 3 PLA 4081 - Rhetoric & The Law Credit Hours: 3 PLA 4160 - Law on Trial: Empirical Legal Scholarship Credit Hours: 3 PLA 4956 - Undergraduate Law Journal Credit Hours: 3 PLA 4243 - Negotiation in Practice Credit Hours: 3 PLA 4244 - Community Mediation and Conflict Resolution Credit Hours: 3 PLA 4942 - Mediation Practicum Credit Hours: 3 PLA 4952 - Advanced Moot Court Credit Hours: 3 Law and Business PLA 3615 - Property and Real Estate Law Credit Hours: 3 PLA 4424 - The Law of Contracts Credit Hours: 3 PLA 4436 - Florida Partnerships and Corporations Credit Hours: 3 PLA 4464 - Bankruptcy Law Credit Hours: 3 PLA 4472 - Employment Discrimination Law Credit Hours: 3 PLA 4607 - Estates and Trusts Credit Hours: 3 PLA 4823 - Sports Law Credit Hours: 3 PLA 4825 - Entertainment Law Credit Hours: 3 PLA 4864 - Admiralty and Maritime Law Credit Hours: 3 PLA 4617 - Urban Development Law Credit Hours: 3 PLA 4525 - Disability Rights and Protections (A Legal Perspective) Credit Hours: 3 Law and Technology PLA 3871 - Law and Technology: Drones and Artificial Intelligence Credit Hours: 3 PLA 4410H - Hon: Intellectual Property Law and Practice Credit Hours: 3 PLA 4861 - Aviation Law Credit Hours: 3 PLA 4764 - Law Office Practices Credit Hours: 3 Family Matters PLA 4806 - Domestic Relations Law Credit Hours: 3 PLA 4813 - Juvenile Law and Procedure Credit Hours: 3 PLA 4530 - Legal Issues of the Elderly Credit Hours: 3 PLA 4807 - Adoption Law Credit Hours: 3 International PLA 4830 - World Legal Systems Credit Hours: 3 PLA 4834 - Study Abroad: US/UK Comparative Law Credit Hours: 3 PLA 4843 - Immigration Law and Policy Credit Hours: 3 PLA 4571 - Intercultural Legal Competence Credit Hours: 3 PLA 4545 - Military Law - the Law of War Credit Hours: 3
 - Earn at least 9 credits from the following types of courses:
Select three additional Legal Studies courses from the following areas: Law and Policy; Advocacy; Law and Business; Law and Technology; Family Matters; or International.
 - Earn at least 3 credits from the following types of courses:
Students must complete 3 credit hours of Supporting coursework from an approved list provided by the department & can also be identified in the degree audit.

Capstone Requirements
3 Total Credits

- Earn at least 3 credits from the following types of courses:
Students must complete Capstone or Internship. Capstone or Internship must be completed with a minimum grade of "C" (2.0) to satisfy the major. Prerequisites for Capstone and Internship include PLA 4705 Professionalism & Civility in the Law, and Legal Studies major. Students will be elected to Internship or Capstone by their PLA4705 faculty. If students elect to complete an Internship they must complete a minimum 3 credit hours of Internship. *A fee may be required as part of the placement application process.

Grand Total Credits: **51**

Program Details

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- Students pursuing the B.A. degree must demonstrate proficiency in a foreign language equivalent to one year at college level. Proficiency equivalent to two semesters of college instruction in a foreign language or in American Sign Language (ASL). Standardized examinations for foreign languages may be used. The foreign language credits may be used toward the 9 hour supporting course requirement. ASL proficiency is met by successful completion of ASL 2140 and ASL 2150 or an appropriate score on the ASL proficiency exam. Contact the Department of Communication Sciences and Disorders (<https://healthprofessions.ucf.edu/csd/>) regarding the ASL proficiency examination.

Departmental Exit Requirements

- Students must take a minimum of 33 hours of PLA courses at UCF. The total semester hours required is 120.
- Second Bachelor's degree students must complete a minimum of 33 credit hours of Legal Studies (PLA) coursework after being admitted as a second degree-seeking student.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors in the Major

- Interested students should consult with their faculty advisor.

Related Programs

- Criminal Justice
- History
- Political Science
- Public Administration (B.A. or B.S.)
- Sociology (B.A./ B.S.)
- Business Administration

Certificate

- Individual Liberties
- Litigation and Advocacy
- Urban Real Estate and Development
- Spanish for the Legal World Certificate
- Conflict Resolution and Analysis Certificate
- Technology and the Law Certificate

Related Minors

- Business Minor
- Criminal Justice Minor
- Crime, Law, and Deviance Minor
- Political Science Minor
- Public Administration Minor
- Sociology Minor
- Writing and Rhetoric Minor

Advising Notes

- None

Transfer Notes

- Lower division courses do not substitute for upper division courses.

Acceptable Substitutes for Transfer Courses

None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Legal Studies Minor

College

College of Community Innovation and Education

Department

Department of Legal Studies

Program Type

Minor

Program Website

<https://www.ucf.edu/degree/legal-studies-bs/>

Program Contact Information

College of Community Innovation and Education

Legal Studies Department

Dr. Phillips Academic Commons (DPAC) - UCF Downtown, 430

407-823-1670

Academic Program Coordinator – Dr. Christy Foley, Christy.foley@ucf.edu

Internship Coordinator – TDA, legalstudies@ucf.edu

Program Academic Advisor - Sean Donovan, sean.donovan@ucf.edu

Is this program available 100% online?

Yes

Admission Requirements

None

Program Description

The Legal Studies minor is well suited for students seeking to understand the universal role of law in society. This minor is available to all undergraduate students. Students who pursue the Legal Studies minor will find this knowledge useful in nearly every aspect of their professional careers.

Degree Requirements

Required Courses

3 Total Credits

- Complete the following:
 - PLA3014 - Law and the Legal System (3)

Restricted Electives

15 Total Credits

- Earn at least 15 credits from the following types of courses:
Students must select at least one (1) course from three (3) different areas of concentration listed below. Remaining six hours may be taken from any area below. Law and Policy (3 Credit Hours) PLA 3277 - The Law of Torts Credit Hours: 3 or PLA 3306 - Criminal Law Credit Hours: 3 or PLA 3309 - Criminal Procedure Credit Hours: 3 or PLA 4020 - Law and Society Credit Hours: 3 or PLA 4022 - Contemporary Issues in Law Credit Hours: 3 or PLA 4485 - Administrative Law Credit Hours: 3 or PLA 4554 - Environmental Law Credit Hours: 3 or PLA 4510 - Law and Emotion Credit Hours: 3 or PLA 4886 - Sexuality, Gender, & the Law Credit Hours: 3 PLA 4887 - Law, Social Science, and the Criminal Courts Credit Hours: 3 or PLA 4511 - Law and Human Behavior Credit Hours: 3 Advocacy (3 Credit Hours) PLA 3108 - Legal Research Credit Hours: 3 or PLA 3155 - Legal Writing Credit Hours: 3 or PLA 3205 - Civil Practice and Procedure Credit Hours: 3 or PLA 3951H - Honors Moot Court Credit Hours: 3 or PLA 4226 - Advanced Trial Advocacy Credit Hours: 3 or PLA 4240 - Negotiation Alternatives in Law Credit Hours: 3 or PLA 4263 - Evidence Credit Hours: 3 or PLA 4703 - Professional Ethics and Liability Credit Hours: 3 or PLA 4910 - Trial Advocacy Credit Hours: 3 or PLA 4081 - Rhetoric & The Law Credit Hours: 3 or PLA 4160 - Law on Trial: Empirical Legal Scholarship Credit Hours: 3 or PLA 4243 - Negotiation in Practice Credit Hours: 3 or PLA 4244 - Community Mediation and Conflict Resolution Credit Hours: 3 or PLA 4942 - Mediation Practicum Credit Hours: 3 or PLA 4952 - Advanced Moot Court Credit Hours: 3 or PLA 4956 - Undergraduate Law Journal Credit Hours: 3 Law and Business (3 Credit Hours) PLA 3615 - Property and Real Estate Law Credit Hours: 3 or PLA 4424 - The Law of Contracts Credit Hours: 3 or PLA 4436 - Florida Partnerships and Corporations Credit Hours: 3 or PLA 4464 - Bankruptcy Law Credit Hours: 3 or PLA 4472 - Employment Discrimination Law Credit Hours: 3 or PLA 4607 - Estates and Trusts Credit Hours: 3 or PLA 4823 - Sports Law Credit Hours: 3 or PLA 4825 - Entertainment Law Credit Hours: 3 or PLA 4864 - Admiralty and Maritime Law Credit Hours: 3 or PLA 4525 - Disability Rights and Protections (A Legal Perspective) Credit Hours: 3 or PLA 4617 - Urban Development Law Credit Hours: 3 Law and Technology (3 Credit Hours) PLA 4410H - Hon: Intellectual Property Law and Practice Credit Hours: 3 or PLA 4764 - Law Office Practices Credit Hours: 3 or PLA 4861 - Aviation Law Credit Hours: 3 or PLA 3871 - Law and Technology: Drones and Artificial Intelligence Credit Hours: 3 Family Matters (3 Credit Hours) PLA 4806 - Domestic Relations Law Credit Hours: 3 or PLA 4813 - Juvenile Law and Procedure Credit Hours: 3 or PLA 4530 - Legal Issues of the Elderly Credit Hours: 3 or PLA 4807 - Adoption Law Credit Hours: 3 International Law (3 Credit Hours) PLA 4830 - World Legal Systems Credit Hours: 3 or PLA 4834 - Study Abroad: US/UK Comparative Law Credit Hours: 3 or PLA 4843 - Immigration Law and Policy Credit Hours: 3 or PLA 4545 - Military Law - the Law of War Credit Hours: 3 or PLA 4571 - Intercultural Legal Competence Credit Hours: 3

Grand Total Credits: **18**

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

Other Requirements

- A minimum grade of "C" (2.0) is required in each course to satisfy the minor.
- At least 15 hours used in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit cannot be used toward the minor.

Litigation and Advocacy Certificate

College

College of Community Innovation and Education

Department

Department of Legal Studies

Program Type

Certificate

Program Website

<https://www.ucf.edu/degree/litigation-and-advocacy-certificate/>

Program Contact Information

College of Community Innovation and Education
Legal Studies Department
Dr. Phillips Academic Commons (DPAC) - UCF Downtown, 430
407-823-1670
legalstudies@ucf.edu

Program Academic Advisor: Sean Donovan, sean.donovan@ucf.edu

College of Sciences
Nicholson School of Communication and Media

Nicholson Academic Student Services Center (NASSC)

Union West Creative Village (UWCV), 200
407-823-2681
nassc@ucf.edu

Is this program available 100% online?

Yes

Admission Requirements

None

Program Description

Students who obtain a certificate in Litigation and Advocacy will have the practical, working understanding of legal advocacy as well as public speaking skills that are equally relevant in the courtroom and the workplace. Students will be better versed in critical thinking, argumentation, and the relationships between legal and social advocacy. The knowledge and skills they will develop in gathering evidence, developing arguments, and understanding diverse populations will help them become more marketable, both as potential law students as well as communication professionals.

Certificate Requirements

- Students are required to take courses as specified below and to declare the Certificate.

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Degree Requirements

12 Total Credits

- Complete all of the following
 - Required Courses: Students must satisfy the prerequisites, if any, for each course before enrolling in the class.
 - Complete the following:
 - Course Not Found
 - PLA4910 - Trial Advocacy (3)
 - Complete at least 1 of the following:
 - SPC4513C - Argumentation and Debate (3)
 - SPC4513K - Honors Argumentation and Advocacy (3)
 - Restricted Electives: Students must satisfy the prerequisites, if any, for each course before enrolling in the class.
 - Complete at least 2 of the following:
 - COM4110 - Business and Professional Communication (3)
 - COM4461 - Intercultural Communication (3)
 - PLA3951H - Honors Moot Court (3)
 - PLA4226 - Advanced Trial Advocacy (3)
 - PLA4263 - Evidence (3)
 - SPC4540 - Persuasion and Communication (3)
 - COM4803 - Third Party Processes & Intervention (3)
 - PLA4081 - Persuasion & the Law (3)

Grand Total Credits: **12**

Program Details

Additional Information

Foreign Language Requirements

- None

Total Semester Hours Required

- 15

Other Requirements

- A minimum overall GPA of 2.0 is required in courses used to satisfy the certificate.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit cannot be used toward the certificate.
- At least 12 hours used in the program must be earned at UCF.

Mathematics Education Minor

College

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Minor

Program Description

**College of Community Innovation and Education
School of Teacher Education
Secondary Education Program
Education Complex & Gym, 123H**

Senior Lecturer: *Dr. Janet Andreasen*
janet.andreasen@ucf.edu

The Mathematics Education minor is intended for non-Mathematics Education majors. It is well suited for College of Community Innovation and Education, School of Teacher Education students majoring in another secondary/K-12 content area. It is also intended to provide for university students outside the School of Teacher Education (such as students enrolled in Interdisciplinary Studies, Mathematics, Computer Science, and Engineering) a limited but substantial experience in the field of professional education. This minor is not available to students in pending status in a School of Teacher Education major. Students who successfully complete this minor can expect to increase their marketability in careers that include educational components such as instructing, training, and lecturing. This minor is designed to promote student success in instructional settings, particularly in the 6-12 school setting, but does not directly qualify students for teacher certification or admission into the College of Community Innovation and Education.

Minor Admission Requirements

- Minimum 2.5 overall GPA.
- Complete the University General Education Program requirements or the equivalent, i.e., an AA degree from a Florida College System or State University System institution.

Minor Requirements

- Students should see an advisor prior to registering for classes. A grade of "C-" (1.75) or better is required in each course used to satisfy the minor. At least 12 hours used in the minor must be earned at UCF.
- For students intending on pursuing teaching certification after graduation, it is recommended to complete 18 credits of coursework in mathematics

Prerequisite Courses

- None

Degree Requirements

18 - 19 Total Credits

- Complete all of the following
 - Required Courses: A C- or better is required in these courses
 - Complete the following:
 - EDG4410 - Teaching Strategies and Classroom Management (3)
 - EDF4467 - Learning Theory and Assessment (3)
 - TSL4080 - Theory and Practice of Teaching ESOL Students in Schools (3)
 - RED4043 - Content Reading in Kindergarten through Grade 12 (3)
 - Complete at least 2 of the following:
 - MAE4360 - Mathematics Instructional Analysis (4)
 - MAE4634 - Programs in Teaching of Mathematics (3)
 - MAE3366 - Middle and High School Mathematics for Teaching (3)
 - MAE4333 - Teaching Geometry in the Secondary Schools (3)
 - MAE4383 - Teaching Secondary Mathematics with Technology (3)

Grand Total Credits: **18 - 19**

Program Details

Restricted Electives

- None

Foreign Language Requirements

- None

Other Requirements

- Students should see an advisor prior to registering for classes.
- Students who intend to pursue teaching certification after graduation are highly recommended to complete 18 hrs of courses in mathematics in addition to the minor.
- At least 12 hours in the minor must be earned at UCF.
- Obtain a minimum 2.5 GPA in courses required for minor.

Nonprofit Management (B.A. or B.S.)

College

College of Community Innovation and Education

Department

School of Public Administration

Program Type

Major

Program Contact Information

College of Community Innovation and Education
School of Public Administration
Dr. Phillips Academic Commons (DPAC) - UCF Downtown, 446
407-823-2604

Undergraduate Programs Director: Dr. Stephanie Krick
stephanie.krick@ucf.edu

Internships Director: Dr. Daniel Seigler
daniel.seigler@ucf.edu

Undergraduate Programs Academic Services Coordinator: TBA

Admission Requirements

None

Program Description

The School of Public Administration provides the highest quality undergraduate education for students interested in working in the nonprofit sector. The school strives to achieve local, state and national prominence through contemporary curriculum, innovative instruction, scholarly and applied research, and community service. Programs and services develop and enhance management skills essential to public and nonprofit organizations. The school offers an undergraduate program leading to a Bachelor of Arts (BA) or a Bachelor of Science (BS) in Nonprofit Management. The program provides opportunities for students to prepare for employment as nonprofit professionals and produces graduates with the management skills and analytical techniques needed for successful careers in nonprofit and related business fields.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students should complete the General Education Program and the Common Program Prerequisites before transferring within the Florida College System or State University System.
- Students should consult with a departmental advisor on a regular basis.
- Students must earn at least a "C-" in each course accepted as a common prerequisite and Core Requirement (see sections 2, 3, and 4).
- No transfer course will be accepted with a grade lower than a "C-".
- The courses designated in sections 1 (General Education) and 2 (Common Program Prerequisites) should usually be completed in the first 60 hours.
- Students must earn a 2.5 GPA in the major (all PAD courses) in order to graduate.

General Education (GEP)

- Complete all of the following
 - Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)

- MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- GEP 6- Historical & Cultural Foundation - choose a course from GEP 4 or GEP 5
- Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - Complete at least 1 courses from the following:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)
 - CGS 1060C: Preferred
- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - SYG 2000: Preferred
 - GEP 10- Social Foundation
 - Complete at least 1 of the following:
 - ECO2013 - Principles of Macroeconomics (3)

- ECO2023 - Principles of Microeconomics (3)
- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - Complete at least 1 courses from the following:
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

- ECO 2013 OR ECO 2023 from GEP meets CPP requirements

Grand Total Credits: **0**

Degree Requirements

Core Requirements: Advanced Level
30 - 33 Total Credits

- Complete the following:
 - PAD3733 - Professional Administrative Writing in the Public Sector (3)
 - PAD4104 - Administrative Theory (3)
 - PAD4144 - Nonprofit Organizations (3)
 - PAD4147 - Resource Development in the Nonprofit Sector (3)
 - PAD4148 - Volunteer Management (3)
 - PAD4153 - Planning and Improvement for Public Organizations (3)
 - PAD4204 - Fiscal Management (3)
 - PAD4325 - Program Evaluation for Public and Nonprofit Organizations (3)
 - PAD4720 - Research Methods in Public Administration (3)
 - PAD4942 - School of Public Administration Internship Orientation
 - PAD4941 - Public Administration Internship (3 - 6)

Required Minor
18 Total Credits

- Earn at least 18 credits from the following types of courses:
Students must complete a minor. Students can choose from: Emergency Management and Homeland Security Minor; Public Administration Minor; Urban and Regional Planning Minor; or other minor approved by the Undergraduate Program Director excluding Nonprofit Management. Those who complete a recognized UCF minor in a discipline outside Public Administration must take a minimum of 18 hrs within that minor.

Restricted Electives
6 Total Credits

- Earn at least 6 credits from the following types of courses:
Additional electives can be taken from other allied supporting fields such as accounting, legal studies, communications, computer science, criminal justice, economics, political science, social work, sociology, or statistics. Electives can also be taken from nonprofit sector "service area" concentrations such as: youth services, eldercare, environment, education, the arts, etc. Courses should be selected with the assistance of an advisor, and must be upper division (3000-4000 level).

BA/BS Option
0 Total Credits

- Complete 1 of the following
 - Students pursuing the B.A. degree must demonstrate proficiency in a foreign language equivalent to one year at the college level.
 - Students pursuing the B.S. degree must complete two additional upper level courses (six credit hours).

Capstone Requirement
3 Total Credits

- Complete the following:
 - PAD4934 - Nonprofit Leadership Seminar (3)

Grand Total Credits: **57 - 60**

Program Details

General Education Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

Cultural & Historical Foundations (9 Credit Hours)

Mathematical Foundations (6 Credit Hours)

- CGS 1060C - Introduction to Computers **Credit Hours: 3** (Suggested)

Social Foundations (6 Credit Hours)

- SYG 2000 - Introduction to Sociology **Credit Hours: 3** (Suggested)
 - ECO 2013 - Principles of Macroeconomics **Credit Hours: 3** (Required)
- or
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3** (Required)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP)

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3** (Required)
- or
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3** (Required)

Core Requirements: Basic Level

- None

Core Requirements: Advanced Level (33 Credit Hours)

- All core requirements must be completed with a minimum major GPA of (2.5) to satisfy the major.

Core Requirements (33 Credit Hours)

1 Capstone Requirement

- PAD 3733 - Professional Administrative Writing in the Public Sector **Credit Hours: 3**
- PAD 4104 - Administrative Theory **Credit Hours: 3**
- PAD 4144 - Nonprofit Organizations **Credit Hours: 3**
- PAD 4147 - Resource Development in the Nonprofit Sector **Credit Hours: 3**
- PAD 4148 - Volunteer Management **Credit Hours: 3**
- PAD 4153 - Planning and Improvement for Public Organizations **Credit Hours: 3**
- PAD 4204 - Fiscal Management **Credit Hours: 3**
- PAD 4325 - Program Evaluation for Public and Nonprofit Organizations **Credit Hours: 3**
- PAD 4720 - Research Methods in Public Administration **Credit Hours: 3**
- PAD 4934 - Nonprofit Leadership Seminar **Credit Hours: 3**
- PAD 4942 - School of Public Administration Internship Orientation **Credit Hours: 0 1**
- PAD 4941 - Public Administration Internship **Credit Hours: 3**

Restricted Electives (24 Credit Hours)

Required Minor of 18 credit hours: (18 Credit Hours)

- Students must complete a minor. Students can choose from: Emergency Management and Homeland Security Minor; Public Administration Minor; Urban and Regional Planning Minor; or other minor approved by the Undergraduate Program Director excluding Nonprofit Management.
- Those who complete a recognized UCF minor in a discipline outside Public Administration must take a minimum of 18 hrs within that minor.
- Additional electives can be taken from other allied supporting fields such as accounting, legal studies, communications, computer science, criminal justice, economics, political science, social work, sociology, or statistics. Electives can also be taken from nonprofit sector "service area" concentrations such as: youth services, eldercare, environment, education, the arts, etc. Courses should be selected with the assistance of an advisor, and must be upper division (3000-4000 level).
- Students pursuing the B.A. degree must demonstrate proficiency in a foreign language equivalent to one year at the college level.
- Students pursuing the B.S. degree must complete two additional upper level courses (six credit hours).

Electives

- Students are encouraged to select courses as electives or other course that will enhance their background in the nonprofit sector. These may be used to build minors and certificates offered by the University. Examples include: Accounting Minor; Criminal Justice Minor; Diversity and Social Inequality Minor; Emergency Management and Homeland Security Minor; Global Peace and Security Studies Minor; Health Services Administration Minor; Human Services Minor; Legal Studies Minor; Urban and Regional Planning Minor; and Writing and Rhetoric Minor.
- Electives can also be taken from nonprofit sector "service area" concentrations such as: youth services, eldercare, environment, education, the arts, etc. Courses should be selected with the assistance of an advisor, and must be upper division (3000-4000 level).

Foreign Language Requirements

Admissions

- None

Graduation

- Students pursuing a B.A. degree must demonstrate proficiency in a foreign language equivalent to one

year at college level. Proficiency equivalent to two semesters of college instruction in a foreign language or in American Sign Language (ASL). Standardized examinations for foreign languages may be used. ASL proficiency is met by successful completion of ASL 2140 and ASL 2150 or an appropriate score on the ASL proficiency exam. Contact the Department of Communication Sciences and Disorders (<https://healthprofessions.ucf.edu/csd/>) regarding the ASL proficiency examination.

Additional Requirements

- None

Required Minors

- Students must complete a minor or certificate from the School of Public Administration offered at UCF or another minor approved by the Undergraduate Program Director. Minors in the School of Public Administration can include 1) **Emergency Management and Homeland Security Minor**, 2) **Public Administration**, and 3) **Urban and Regional Planning Minor**. Students majoring in Nonprofit Management cannot minor in Nonprofit Management. Other approved minors include: *Criminal Justice Minor*; *Diversity and Social Inequality Minor*; *Global Peace and Security Studies Minor*; *Health Services Administration Minor*; *Human Services Minor*; *Legal Studies Minor*; and *Writing and Rhetoric Minor*.

Departmental Exit Requirements

- The students must attain a minimum grade of "C-" in all Common Program Prerequisites courses and in all Core Requirements (see sections 2, 3, and 4 above).
- An overall 2.0 GPA must be attained for all coursework (see sections 1, 2, 3, 4, and 5 above).
- Students must earn a 2.5 GPA in the major in order to graduate.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- Admission: Applications to the Honors in the Major program must be approved by the Associate Dean of the Honors College and a Faculty Advisor in the School of Public Administration.

Related Programs

- Business Administration
- Criminal Justice (B.A. or B.S.)
- Health Services Administration (B.S.)
- Legal Studies (B.A. or B.S.)
- Public Administration (B.A. or B.S.)
- Social Work (B.S.W.)

Certificates

- None

Related Minors

- Criminal Justice Minor
- Diversity and Social Inequality Minor
- Emergency Management and Homeland Security Minor
- Global Peace and Security Studies Minor
- Health Services Administration Minor
- Human Services Minor
- Legal Studies Minor
- Urban and Regional Planning Minor
- Writing and Rhetoric Minor

Advising Notes

- Orientation and advising are two of the most valuable tools that a student can make use of when transferring to UCF. Be sure that you take advantage of both.
- Students are urged to have access to a personal computer, modem, and appropriate software to interact with the University and professors.

Transfer Notes

- Florida College System students are advised to complete the Associate of Arts degree, to include the general education requirements and the common program prerequisites.
- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be formally evaluated for equivalency credit. The student must provide a course syllabus and any additional supporting documentation with his/her petition for this evaluation.
- Common Program Prerequisites for the State University System for the School of Public Administration programs include ECO 2013 - Principles of Macroeconomics or ECO 2023 - Principles of Microeconomics.
- Subject to the general grade and residence requirements, credit will be granted for transferred course work equivalent to that required in the Nonprofit Management program. Only grades of "C" (2.0) or higher transfer into the program and students must have a "C" (2.0) or better in each common program prerequisites class.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alac/academic_learning_compacts.htm

Nonprofit Management Minor

College

College of Community Innovation and Education

Department

School of Public Administration

Program Type

Minor

Program Contact Information

**College of Community Innovation and Education
School of Public Administration
Dr. Phillips Academic Commons (DPAC) - UCF Downtown, 446**

**<https://ccie.ucf.edu/public-administration/nonprofit-management/>
407-823-2604**

Undergraduate Programs Director: Dr. Stephanie Krick
stephanie.krick@ucf.edu

Undergraduate Programs Academic Services Coordinator: TBA

Admission Requirements

None

Program Description

The Nonprofit Management Minor at the University of Central Florida will provide interdisciplinary classroom experience and experiential learning opportunities for students planning a career as a nonprofit professional.

Degree Requirements

18 - 21 Total Credits

- Complete all of the following
 - Complete all of the following
 - Complete the following:
 - PAD4144 - Nonprofit Organizations (3)
 - PAD4934 - Nonprofit Leadership Seminar (3)
 - Restricted Electives: Student can earn the remaining 12 credit hours by pursuing either the Social Service Emphasis or the Public Service Emphasis. The requirements for each are as follows:
 - Complete 1 of the following
 - Student can earn the remaining 12 credit hours by pursuing either the Social Service Emphasis or the Public Service Emphasis. Student must satisfy all prerequisites for courses. The requirements for each are as follows:
 - Public Service Emphasis
 - Complete at least 4 of the following:
 - PAD4131 - Public Sector Project Management (3)
 - PAD4147 - Resource Development in the Nonprofit Sector (3)
 - PAD4148 - Volunteer Management (3)
 - PAD4153 - Planning and Improvement for Public Organizations (3)
 - PAD4204 - Fiscal Management (3)
 - PAD4253 - Community & Economic Development (3)
 - PAD4325 - Program Evaluation for Public and Nonprofit Organizations (3)
 - PAD4104 - Administrative Theory (3)
 - PAD4941 - Public Administration Internship (3 - 6)
 - Please note: students must complete PAD 4942 (0 credit hours) prior to enrolling in PAD 4941. PAD 4253 and PAD 4325 have prerequisites OR may be open to students in that major only. Please see catalog for details.
 - Social Service Emphasis is an option for Social Work BSW students only.
 - Complete at least 4 of the following:
 - SOW3104 - Human Behavior and the Social Environment I (3)
 - SOW3284 - Social Work Perspectives on Social Justice (3)
 - SOW3401 - Social Work Research (3)
 - SOW3352 - Practice II: Interpersonal Skills in Social Work (3)

Grand Total Credits: **18 - 21**

Program Details

Foreign Language Requirements

- None

Other Requirements

- Students must earn a "C-" (1.75) or better in each course in the minor.
- Students must earn an overall GPA of 2.0 in the minor.
- No credit by exam (TSD, Military credit) may be used.

Physical Education Minor

College

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Minor

Program Description

**College of Community Innovation and Education
School of Teacher Education
Education Complex & Gym (ED), 209**

Senior Lecturer: Dr. Janet Andreasen
Education Complex & Gym (ED), 123H
Janet.Andreasen@ucf.edu

The Physical Education minor is intended for non-Physical Education majors. It is well suited for College of Community Innovation and Education, School of Teacher Education students majoring in another secondary/K-12 content area, Elementary Education or Early Childhood Education. It is also intended to provide for university students outside the School of Teacher Education (such as students enrolled in Kinesiology, Biology, or Athletic Training) a limited but substantial experience in the field of professional education. This minor is not available to students in pending status in a School of Teacher Education major. Students who successfully complete this minor can expect to increase their marketability in careers that include educational components such as instructing, training, and lecturing as well as community-based physical education and recreation applications. This minor is designed to promote student success in instructional settings, particularly in the K-12 school setting, but does not directly qualify students for teacher certification or admission into the College of Community Innovation and Education.

Minor Admission Requirements

- Have a minimum 2.5 overall GPA
- Complete the University General Education Program requirements or its equivalent, i.e. an A.A. degree from a Florida College System or State University System institution.

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

18 Total Credits

- Complete all of the following
 - A C- or better is required in each course.
 - Complete the following:
 - EDF4467 - Learning Theory and Assessment (3)
 - EDG4410 - Teaching Strategies and Classroom Management (3)
 - TSL4080 - Theory and Practice of Teaching ESOL Students in Schools (3)
 - PET4710 - Methods for Physical Activity for Children and Adolescents (3)
 - PET3820 - Teaching Sports Skills I (3)
 - Complete at least 1 of the following:
 - PEO3041 - Games Analysis (3)
 - DAE3370 - Dance and Rhythmics (3)
 - PET4401 - Administration and Evaluation in Physical Education and Sport (3)

Grand Total Credits: **18**

Public Administration (B.A. or B.S.)

College

College of Community Innovation and Education

Department

School of Public Administration

Program Type

Major

Program Description

College of Community Innovation and Education
School of Public Administration
Dr. Phillips Academic Commons (DPAC) - UCF Downtown, 446
407-823-2604

Undergraduate Programs Director: Dr. Stephanie Krick
stephanie.krick@ucf.edu

Internships Director: Dr. Daniel Seigler
daniel.seigler@ucf.edu

Undergraduate Programs Academic Services Coordinator: TBA

The School of Public Administration provides the highest quality undergraduate education for students interested in working in the public and private sectors, as well as, nonprofit organizations. The school strives to achieve local, state and national prominence through contemporary curriculum, innovative instruction, scholarly and applied research, and community service. Programs and services develop and enhance management skills essential to public and nonprofit organizations oriented towards an evolving metropolitan environment. The school offers an undergraduate program leading to a Bachelor of Arts (BA) or a Bachelor of Science (BS) in Public Administration. The program provides opportunities for students to prepare for employment as public administrators and produces graduates with the public management skills and analytical techniques needed for successful careers in government, nonprofit and related business fields.

Admission Requirements

- None

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students should complete the General Education Program and the Common Program Prerequisites before transferring within the Florida College System or State University System.
- Students should consult with a departmental advisor on a regular basis.
- Students must earn at least a "C-" in each course accepted as a common program prerequisite and Core Requirement (see sections 2, 3, and 4 below).
- No transfer course will be accepted with a grade lower than a "C-".
- The courses designated in sections 1 (General Education) and 2 (Common Program Prerequisites) should usually be completed in the first 60 hours.
- Students must earn a 2.5 GPA in the major (all PAD Courses) in order to graduate.

General Education (GEP)

Communication Foundations
9 Total Credits

- Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Rule Not Selected

Cultural and Historical Foundations
9 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)

- EUH2000 - Western Civilization I (3)
- EUH2001 - Western Civilization II (3)
- HUM2020 - Encountering the Humanities (3)
- HUM2210 - Studies in Culture: Ancient to 17th Century (3)
- HUM2230 - Studies in Culture: 17th Century to Present (3)
- WOH2012 - World Civilization I (3)
- WOH2022 - World Civilization II (3)
- Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)

Mathematical Foundations

6 - 7 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)

- MGF1107 - Explorations in Mathematics (3)
- Complete the following:
 - CGS1060C - Introduction to Computers (3)

Social Foundations
6 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - Complete the following:
 - POS2041 - American National Government (3)

Science Foundations
6 - 8 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - Complete at least 1 courses from the following:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

CPP
9 Total Credits

- Complete all of the following
 - See "Common Prerequisites" in the Transfer and Transition Services section
 - Complete the following:
 - CGS1060C - Introduction to Computers (3)
 - POS2041 - American National Government (3)
 - Complete at least 1 of the following:
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)

Grand Total Credits: **9**

Degree Requirements

Core Requirements: Basic Level
3 Total Credits

- Complete at least 1 of the following:
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)

Core Requirements: Advanced Level
33 - 36 Total Credits

- Complete all of the following
 - Core requirements must be completed with a minimum GPA of (2.5) to satisfy the major.
 - Complete the following:
 - PAD3003 - Public Administration in American Society (3)
 - PAD3733 - Professional Administrative Writing in the Public Sector (3)
 - PAD4034 - The Administration of Public Policy (3)
 - PAD4104 - Administrative Theory (3)
 - PAD4204 - Fiscal Management (3)
 - PAD4414 - Human Resource Administration (3)
 - PAD4720 - Research Methods in Public Administration (3)
 - PAD4941 - Public Administration Internship (3 - 6)
 - PAD4131 - Public Sector Project Management (3)
 - PAD4822 - Intergovernmental Administration (3)
 - PAD4886 - Capstone: Public Service Leadership (3)
 - PAD4942 - School of Public Administration Internship Orientation

Restricted Electives
24 Total Credits

- Earn at least 24 credits from the following types of courses:
Restricted Electives

Required Minor or Certificate
18 Total Credits

- Earn at least 18 credits from the following types of courses:
Students must complete a minor or certificate from the School of Public Administration offered at UCF. Choose from: Emergency Management and Homeland Security; Nonprofit Management/National Certification in Nonprofit Management or the Certificate in Nonprofit Management; and Urban and Regional Planning , or other minor approved by the Undergraduate Program Director, excluding the minor in Public Administration. The minor cannot overlap with any other major requirement, PAD Core or BS required course. Students pursuing a minor outside the School of Public Administration must complete a minimum of 18 credit hours within that minor. Should that minor not require 18 credit hours the student must fulfill the 18 hour minor requirement by completing courses within the field of public administration.

B.A./B.S. Option
6 Total Credits

- Earn at least 6 credits from the following types of courses:
Students pursuing the BA degree must demonstrate proficiency in a foreign language equivalent to one year in college. ASL I, II can also be used to fulfill this requirement. Students pursuing the B.S. degree must complete two additional upper-level Public Administration courses.

Capstone Requirements
3 Total Credits

- Complete the following:
 - PAD4886 - Capstone: Public Service Leadership (3)

Grand Total Credits: **87 - 90**

Program Details

Electives

-
- Students are encouraged to select courses as electives or other courses that will enhance their background in the public administration field. These may be used to build minors and certificates offered by the University. Examples include: Business, Criminal Justice, Diplomacy, Economics, Environmental Studies, Florida Studies, Global Peace and Security Studies, Health Services Administration, Leadership Studies, Legal Studies, Political Science, and Terrorism Studies.
 - The University requires 42 upper-level credits in order to graduate, students choosing the Nonprofit Management minor with the Generalist Emphasis may need to take additional upper-level electives to satisfy the University requirement.

Foreign Language Requirements

Admissions

- None

Graduation

- Students pursuing a B.A. degree must demonstrate proficiency in a foreign language equivalent to one year at college level. Proficiency equivalent to two semesters of college instruction in a foreign language or in American Sign Language (ASL). Standardized examinations for foreign languages may be used. ASL proficiency is met by successful completion of ASL 2140 and ASL 2150 or an appropriate score on the ASL proficiency exam. Contact the Department of Communication Sciences and Disorders (<https://healthprofessions.ucf.edu/csd/>) regarding the ASL proficiency examination.

Additional Requirements

- None

Required Minors

Students must complete a minor or certificate from the School of Public Administration offered at UCF or another minor approved by the Undergraduate Program Director. Minors in Public Administration can include Emergency Management and Homeland Security; Nonprofit Management/National Certification in Nonprofit Management; and Urban and Regional Planning. Excluding the minor in Public Administration. The minor cannot overlap with any other major requirement, PAD Core or BS required course.

Departmental Exit Requirements

- Students must attain a minimum grade of "C-" in all Common Program Prerequisites courses and in all Core Requirements (see sections 2, 3, and 4 above).
- An overall 2.0 GPA must be attained for all coursework (see sections 1, 2, 3, and 4).
- Students must earn a 2.5 GPA in the major in order to graduate.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- Admission: Applications to the Honors in the Major program must be approved by the Associate Dean of the Honors College and a Faculty Advisor in the School of Public Administration.

Related Programs

- Business Administration
- Criminal Justice (B.A. or B.S.)
- Economics (B.S.)
- Health Services Administration (B.S.)
- Legal Studies (B.A. or B.S.)
- Management (B.S.B.A.)
- Political Science (B.A.)
- Social Work (B.S.W.)

Certificates

- None

Related Minors

- Business Minor
- Criminal Justice Minor
- Diplomacy Minor
- Economics Minor
- Entrepreneurship Minor
- Environmental Studies Minor
- Florida Studies Minor
- Health Services Administration Minor
- International and Global Studies Minor
- Leadership Studies Minor
- Legal Studies Minor
- Political Science Minor
- Terrorism Studies Minor

Advising Notes

- Orientation and advising are two of the most valuable tools that a student can make use of when transferring to UCF. Be sure that you take advantage of both.
- Students are urged to have access to a personal computer, modem, and appropriate software to interact with the University and professors.

Transfer Notes

- Florida College System students are advised to complete the Associate of Arts degree, to include the general education requirements and the common program prerequisites.

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be formally evaluated for equivalency credit.
- The student must provide a course syllabus and any additional supporting documentation with his/her petition for this evaluation.
- Common Program Prerequisites for the State University System for the School of Public Administration programs include POS 2041 - American National Government, ECO 2013 - Principles of Macroeconomics, ECO 2023 - Principles of Microeconomics, Statistics (STA 2014 or STA 2023), and Introduction to Computer (CGS1000, CGS 1060C, or CGS 2100C).
- Subject to the general grade and residence requirements, credit will be granted for transferred course work equivalent to that required in the Public Administration program. Only grades of "C-" (1.75) or higher transfer into the program and students must have a "C-" (1.75) or better in each common program prerequisites class.

Acceptable Substitutes for Transfer Courses

- Program approval required.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Plan of Study

- This is one of numerous possible plans of study.
- Although all classes are listed as being taken during the academic year, you may take classes during the summer semester.

Freshman Year - Fall (15 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- CGS 1060C - Introduction to Computers **Credit Hours: 3**
- POS 2041 - American National Government **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- GEP Cultural **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- MAC 1105C - College Algebra **Credit Hours: 3**
- GEP Communication **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- GEP Social **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- STA 2014 - Principles of Statistics **Credit Hours: 3** or STA 2023
- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3** or ECO 2023
- Free Elective **Credit Hours: 3**
- GEP Historical **Credit Hours: 3**

- GEP Science **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- PAD 3003 - Public Administration in American Society **Credit Hours: 3**
- PAD 3733 - Professional Administrative Writing in the Public Sector **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- GEP Historical **Credit Hours: 3**
- GEP Science **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- PAD 4034 - The Administration of Public Policy **Credit Hours: 3**
- PAD 4104 - Administrative Theory **Credit Hours: 3**
- PAD Approved Minor Course **Credit Hours: 3**
- PAD Approved Minor Course **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- PAD 4942 - School of Public Administration Internship Orientation **Credit Hours: 0**
- PAD 4131 - Public Sector Project Management **Credit Hours: 3**
- PAD 4414 - Human Resource Administration **Credit Hours: 3**
- PAD 4204 - Fiscal Management **Credit Hours: 3**
- PAD Approved Minor Course **Credit Hours: 3**
- PAD Approved Minor Course **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- PAD 4720 - Research Methods in Public Administration **Credit Hours: 3**
- PAD Approved Minor Course **Credit Hours: 3**
- PAD Approved Minor Course or Free Elective **Credit Hours: 3**
- Supporting Upper-Division Elective **Credit Hours: 3**
- PAD 4941 - Public Administration Internship **Credit Hours: 3**

Senior Year - Spring (15 Credit Hours)

- PAD 4822 - Intergovernmental Administration **Credit Hours: 3**
- PAD 4886 - Public Service Leadership **Credit Hours: 3**
- Supporting Upper-Division Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Public Administration Minor

College

College of Community Innovation and Education

Department

School of Public Administration

Program Type

Minor

Program Description

**College of Community Innovation and Education
School of Public Administration
Dr. Phillips Academic Commons (DPAC) - UCF Downtown, 446**

**<https://ccie.ucf.edu/public-administration/public-administration/>
407-823-2604**

Undergraduate Programs Director: Dr. Stephanie Krick
stephanie.krick@ucf.edu

Undergraduate Programs Academic Services Coordinator: TBA

The Public Administration minor is related to one of the fastest growing fields in the United States today. Students studying Public Administration will gain a greater understanding of tools associated with management of public sector organizations, including fiscal management, survey research, public administration, and human resource management.

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

18 Total Credits

- Complete all of the following
 - Required Courses
 - Complete the following:
 - PAD3003 - Public Administration in American Society (3)
 - Restricted Electives
 - Complete at least 5 of the following:
 - PAD4034 - The Administration of Public Policy (3)
 - PAD4104 - Administrative Theory (3)
 - PAD4131 - Public Sector Project Management (3)
 - PAD4204 - Fiscal Management (3)
 - PAD4414 - Human Resource Administration (3)
 - PAD4822 - Intergovernmental Administration (3)
 - PAD4720 - Research Methods in Public Administration (3)

Grand Total Credits: **18**

Program Details

Foreign Language Requirements

- None

Other Requirements

- Students must earn a "C-" (1.75) or better in each course in the minor.
- Students must earn an overall GPA of 2.0 in the minor.
- At least 15 hours used in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit cannot be used toward the minor without prior approval.

Science Education Minor

College

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Minor

Program Description

**College of Community Innovation and Education
School of Teacher Education
Secondary Education Program
Education Complex & Gym (ED), 209**

Associate Professor: Dr. Janet Andreasen
Education Complex & Gym (ED), 115F
Su.Gao@ucf.edu

The Science Education minor is intended for non-Science Education majors. It is well suited for College of Community Innovation and Education, School of Teacher Education students majoring in another secondary/K-12 content area. It is also intended to provide for university students outside the School of Teacher Education (such as students enrolled in Interdisciplinary Studies, Biology, Chemistry, or Physics) a limited but substantial experience in the field of professional education. This minor is not available to students in pending status in a School of Teacher Education major. Students who successfully complete this minor can expect to increase their marketability in careers that include educational components such as instructing, training, and lecturing. This minor is designed to promote student success in instructional settings, particularly in the K-12 school setting, but does not directly qualify students for teacher certification or admission into the College of Community Innovation and Education.

Minor Admission Requirements

- Have a minimum 2.5 overall GPA
- Complete the University General Education Program requirements or its equivalent, i.e. an A.A. degree from a Florida College System or State University System institution.

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

18 - 19 Total Credits

- Complete all of the following
 - A C- or better is required in these courses
 - Complete the following:
 - EDG4410 - Teaching Strategies and Classroom Management (3)
 - EDF4467 - Learning Theory and Assessment (3)
 - TSL4080 - Theory and Practice of Teaching ESOL Students in Schools (3)
 - RED4043 - Content Reading in Kindergarten through Grade 12 (3)
 - Complete at least 2 of the following:
 - SCE4360 - Science Instructional Analysis (4)
 - SCE4361 - Programs in Teaching Science (3)
 - SCE4633 - Secondary Science Curriculum (3)
 - SCE4933 - Seminar on Secondary Science Education (3)

Grand Total Credits: **18 - 19**

Program Details

Restricted Electives

- None

Foreign Language Requirements

- None

Other Requirements

- Students should see an advisor prior to registering for classes
- For students intending on pursuing teacher certification after graduation, it is highly recommended to complete 18 hrs of courses in science. Recommended courses include: BSC 2010C, BSC 2011C, CHM 2045C, CHM 2046, PHY 2053C or PSC 1121
- At least 12 hours in the minor must be earned at UCF
- Obtain a minimum 2.5 GPA in courses required for minor

Secondary Education, English Language Arts Education - Lifelong Learning Track (B.S.)

College

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Major

Program Description

**College of Community Innovation and Education
School of Teacher Education
Education Complex & Gym (ED), 209**

Senior Lecturer & Secondary Education Academic Program Coordinator: Dr. Janet Andreasen
Education Complex & Gym (ED), 123H
Janet.Andreasen@ucf.edu

The Secondary Education B.S. - English Language Arts Education - Lifelong Learning Track (non-certification) program is specifically focused on students who wish to use their knowledge of English Language Arts Education to pursue educational careers outside of traditional schools. The Lifelong Learning Track prepares graduates for employment in a broad spectrum of professional opportunities including non-profits and non-traditional educational agencies. The Lifelong Learning Track is appropriate for students seeking opportunities for employment outside formal, K-12 schools that do not require certification.

Admission Requirements

- Complete the University General Education requirements or its equivalent, i.e., an AA degree from a Florida College System or State University System institution.
- Complete the EDF 2005 - Introduction to the Teaching Profession course with a minimum letter grade of "C-" (1.75) or better.
- Meet the Gordon Rule Requirement.
- Meet Foreign Language Admission Requirement.
- Have a minimum 2.5 overall GPA

Degree Requirements

- Students should see an advisor prior to registering for classes
- The courses designated in 1 (UCF General Education Program) and 2 (Education Common Program Prerequisites) should be completed prior to admission to the major and upper division education courses.

General Education (GEP)

Communication Foundations
9 Total Credits

- Complete all of the following
 - Students are advised to take the preferred courses.
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - SPC 1608 - Fundamentals of Oral Communication is required for the major.

Cultural & Historical Foundations
9 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)

- WOH2022 - World Civilization II (3)
- Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- LIT 2110 - World Literature I is required for the major
- Earn at least 3 credits from the following types of courses:
 - GEP 6: Take one additional course from either Cultural and Historical Foundation, Area 1 or 2. Consider that some courses also partially satisfy the Gordon Rule requirement. Preferred: MUL 2010 - Enjoyment of Music (3), THE 2000 - Theatre Survey (3), or PHI 2010 - Introduction to Philosophy (3)

Mathematical Foundations

6 - 7 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - Preferred: MGF 1106 - Finite Mathematics (3)
 - Complete at least 1 courses from the following:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)
 - Preferred: STA 2014 - Principles of Statistics (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - Preferred: PSY 2012 - General Psychology (3)
 - Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)

- ECO2013 - Principles of Macroeconomics (3)
- ECO2023 - Principles of Microeconomics (3)
- POS2041 - American National Government (3)
- Preferred: POS 2041 - American National Government (3)

Science Foundations

6 - 8 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - Preferred: PSC 1121 - Physical Science (3)
 - Complete at least 1 courses from the following:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)
 - Preferred: BSC 1005 - Biological Principles (3)

Grand Total Credits: **36 - 39**

Program Details

Common Program Prerequisites (CPP) (6 Credit Hours)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

A grade of "C-"(1.75) or better is required.

- EDF 2005 - Introduction to the Teaching Profession **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3** (GEP)
- LIT 2110 - World Literature I **Credit Hours: 3** (GEP)
- ENL 2012 - English Literature I **Credit Hours: 3**

Core Requirements: Basic Level (9 Credit Hours)

A grade of "C-"(1.75) or better is required.

- EDG 2000 - Careers in K-12 Education **Credit Hours: 3**

- ENL 2022 - English Literature II **Credit Hours: 3**

Select One:

- EDF 2130 - Child and Adolescent Development for Educators **Credit Hours: 3**
- EDP 2270 - Adult Development & Learning **Credit Hours: 3**

Core Requirements: Advanced Level (69 Credit Hours)

- A grade of "C-"(1.75) or better is required.

Lifelong Learning Core Requirements (24 Credit Hours)

- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**
- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**
- EDF 4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools **Credit Hours: 3**
- EEX 4242 - Teaching Exceptional Students in Secondary Settings **Credit Hours: 3**
- RED 4043 - Content Reading in Kindergarten through Grade 12 **Credit Hours: 3**
- TSL 4240 - Issues in Second Language Acquisition **Credit Hours: 3**
- EDG 4942 - Lifelong Learning Education Internship **Credit Hours: 3 1**

1 Students must apply and be approved to take EDG 4942. Applications should be submitted in the semester prior to taking this course. For further information regarding EDG 4942, students should meet with their academic advisor.

Lifelong Learning Track Specialization Requirements (45 Credit Hours)

Select preferred specialization courses with advisor approval. A minimum of nine (9) hours must be taken in the content area. A minimum of twelve (12) hours must be taken in Education coursework (prefix EDF, EDG, EEX, EME, LAE, TSL, RED). Substitutions are allowed with advisor approval.

A grade of "C-"(1.75) or better is required.

Must have a total of 42 or more hours of upper level courses to graduate.

- AML 3031 - American Literature I **Credit Hours: 3**
- AML 3041 - American Literature II **Credit Hours: 3**
- CRW 3013 - Creative Writing for English Majors **Credit Hours: 3**
- CRW 3120 - Fiction Writing Workshop **Credit Hours: 3**
- EDG 4941 - Directed Field Experience **Credit Hours: 1-8**
- EDG 4948 - Service Learning **Credit Hours: 3**
- ENC 3311 - Essay as Cultural Commentary **Credit Hours: 3**
- ENG 3014 - Theories and Techniques of Literature Study **Credit Hours: 3**
- ENL 4333 - Shakespeare Studies **Credit Hours: 3**
- LAE 4342 - Programs in Teaching Language and Composition **Credit Hours: 3**
- LAE 4361 - Literacy Strategies in a Digital Age for Middle and High School **Credit Hours: 3**
- LAE 4464 - Survey of Adolescent Literature **Credit Hours: 3**
- LAE 4466 - Canon, Young Adult Literature and the English Language Arts Curriculum **Credit Hours: 3**
- LIN 4105 - History of the English Language **Credit Hours: 3**
- LIT 3482 - Literature & Popular Culture **Credit Hours: 3**
- LIT 3931 - Topics in World Literature **Credit Hours: 3**
- LIT 4043 - Modern Drama As Literature **Credit Hours: 3**

- LIT 4244 - World Authors **Credit Hours: 3**
- LIT 4374 - Literature of the Bible **Credit Hours: 3**
- CCJ 3024 - Criminal Justice System **Credit Hours: 3**
- CCJ 4651 - Drugs and Crime **Credit Hours: 3**
- CCJ 4670 - Women and Crime **Credit Hours: 3**
- CJE 3001 - Careers in Criminal Justice **Credit Hours: 4**
- CJE 3444 - Crime Prevention **Credit Hours: 3**
- DEP 2004 - Developmental Psychology **Credit Hours: 3**
- DEP 3202 - Psychology of Exceptional Children **Credit Hours: 3**
- DEP 3464 - Psychology of Aging **Credit Hours: 3**
- DIG 2000 - Introduction to Digital Media **Credit Hours: 3**
- EAB 3703 - Principles of Behavior Modification **Credit Hours: 3**
- ECT 4184 - Curriculum Development Techniques for Industry Training **Credit Hours: 3**
- EXP 3604 - Cognitive Psychology **Credit Hours: 3**
- EXP 3250 - Principles of Human Factors Psychology **Credit Hours: 3**
- HFT 1000 - Introduction to the Hospitality and Tourism Industry **Credit Hours: 3**
- HFT 2750 - The Event Industry **Credit Hours: 3**
- HFT 3798 - Fairs and Festivals **Credit Hours: 3**
- HFT 4754 - Exhibit and Trade Show Operations **Credit Hours: 3**
- HIM 3006 - Foundations of Health Information Management (HIM) **Credit Hours: 3**
- HSA 4003 - The Patient Experience from an Administrator's Perspective **Credit Hours: 3**
- HSC 3537 - Medical Terminology **Credit Hours: 3**
- PLA 3014 - Law and the Legal System **Credit Hours: 3**
- PLA 3108 - Legal Research **Credit Hours: 3**
- PLA 3155 - Legal Writing **Credit Hours: 3**
- PLA 3306 - Criminal Law **Credit Hours: 3**
- PLA 3951H - Honors Moot Court **Credit Hours: 3**
- PLA 4020 - Law and Society **Credit Hours: 3**
- SPC 3445 - Leadership Through Oral Communication **Credit Hours: 3**
- SPC 4331 - Nonverbal Communication **Credit Hours: 3**

Restricted Electives

- None

Capstone Requirements

- None

Electives

- None

Foreign Language Requirements

Admissions

- State University System foreign language admission requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- Achieve a minimum 2.5 GPA in all courses within the major.
- Achieve a minimum 2.5 GPA in the education core coursework.
- Achieve a minimum 2.5 GPA in the specialization coursework.
- Achieve a minimum overall 2.5 GPA
- You must upload key assignments using the Watermark platform. Key assignments are assessed by faculty to provide evidence of candidate proficiency in all Florida Educator Accomplished Practices (FEAPs). All teacher education candidates, Lifelong Learning majors, and Early Childhood Development and Education majors (all ECDE tracks) are required to complete Watermark requirements before being certified for graduation. See <https://ccie.ucf.edu/explore-via/>

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- Consult with your Education advisor and review your degree audit for more recent information.

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oemas.ucf.edu/alac/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$12 per term
- Full-Time Student: \$24 per term

Plan of Study

English Language Arts Education- Lifelong Learning Track

Freshman Year - Fall (12 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- MGF 1106 - Finite Mathematics **Credit Hours: 3**
- PSY 2012 - General Psychology **Credit Hours: 3**

GEP B1 Elective Credit Hours: 3

Freshman Year - Spring (12 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- POS 2041 - American National Government **Credit Hours: 3**
- PSC 1121 - Physical Science **Credit Hours: 3**

Select one:

- MUL 2010 - Enjoyment of Music **Credit Hours: 3**
- THE 2000 - Theatre Survey **Credit Hours: 3**
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3**

Freshman Year - Summer (6 Credit Hours)

- LIT 2110 - World Literature I **Credit Hours: 3**

Select one:

- EDP 2270 - Adult Development & Learning **Credit Hours: 3**
- EDF 2130 - Child and Adolescent Development for Educators **Credit Hours: 3**

Sophomore Year - Fall (12 Credit Hours)

- ENL 2012 - English Literature I **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- STA 2014 - Principles of Statistics **Credit Hours: 3**
- BSC 1005 - Biological Principles **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- ENL 2022 - English Literature II **Credit Hours: 3**
- EDF 2005 - Introduction to the Teaching Profession **Credit Hours: 3**
- EDG 2000 - Careers in K-12 Education **Credit Hours: 3**
- Lifelong Learning Specialization course **Credit Hours: 3**
- Lifelong Learning Specialization course **Credit Hours: 3**

Sophomore Year - Summer (3 Credit Hours)

- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- TSL 4240 - Issues in Second Language Acquisition **Credit Hours: 3**
- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**
- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**

Lifelong Learning Specialization course **Credit Hours: 3**

Lifelong Learning Specialization course **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- EDF 4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools **Credit Hours: 3**
- RED 4043 - Content Reading in Kindergarten through Grade 12 **Credit Hours: 3**
- Lifelong Learning Specialization course **Credit Hours: 3**
- Lifelong Learning Specialization course **Credit Hours: 3**
- Lifelong Learning Specialization course **Credit Hours: 3**

Junior Year - Summer (3 Credit Hours)

- Lifelong Learning Specialization course **Credit Hours: 3**

Senior Year - Fall (12 Credit Hours)

- EEX 4242 - Teaching Exceptional Students in Secondary Settings **Credit Hours: 3**
- Lifelong Learning Specialization course **Credit Hours: 3**
- Lifelong Learning Specialization course **Credit Hours: 3**
- Lifelong Learning Specialization course **Credit Hours: 3**

Senior Year - Spring (15 Credit Hours)

- Lifelong Learning Specialization course **Credit Hours: 3**
- Lifelong Learning Specialization course **Credit Hours: 3**
- Lifelong Learning Specialization course **Credit Hours: 3**
- Lifelong Learning Specialization course **Credit Hours: 3**

- EDG 4942 - Lifelong Learning Education Internship **Credit Hours: 3**

Secondary Education, English Language Arts Education Track (B.S.)

College

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Major

Program Description

**College of Community Innovation and Education
School of Teacher Education
Secondary Education Program
Education Complex & Gym (ED), 209**

Associate Professor (Education Track Contact): Dr. Elsie Olan
Education Complex & Gym (ED), 223N
407-823-5179
Elsie.Olan@ucf.edu

Assistant Professor (Education Track Contact): Dr. Nicole Damico
Education Complex & Gym (ED), 223E
407-823-1862
Nicole.Damico@ucf.edu

The Secondary Education B.S. - English Language Arts Education program offers students the option of two tracks: English Language Arts Education - Education Track and English Language Arts Education - Lifelong Learning Track (non-certification). The Education Track is appropriate for students interested in opportunities for employment with formal, 6-12 schools that require certification.

This Secondary Education B.S. - English Language Arts Education program has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit <https://apq.ucf.edu/files/Licensure-Disclosure-CCIE-Secondary-Ed-BS.pdf>

Complete the University General Education requirements or its equivalent, i.e., an AA degree from a Florida College System or State University System institution. Admission Requirements

- Complete the EDF 2005 - Introduction to the Teaching Profession course with a minimum letter grade of "C-" (1.75) or better.
- Meet the Gordon Rule Requirement.
- Meet Foreign Language Admission Requirement.
- Have a minimum 2.5 overall GPA

Degree Requirements

- Students should see an advisor prior to registering for classes
- The courses designated in 1 (UCF General Education Program) and 2 (Education Common Program Prerequisites) should be completed prior to admission to the major and upper division education courses.
- The Education Track is a state-approved, initial teacher preparation program designed in compliance with Florida Statutes and State Board of Education Rule 6A-5.066. Degree requirements are subject to change based on state mandates.

General Education (GEP)

Communication Foundations
9 Total Credits

- Complete all of the following
 - Students are advised to take the preferred courses.
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - SPC 1608 - Fundamentals of Oral Communication is required for the major

Cultural & Historical Foundations
9 Total Credits

- Complete all of the following

- Complete at least 1 courses from the following:
 GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
- Complete at least 1 courses from the following:
 GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- LIT 2110 - World Literature I is required for the major
- Earn at least 3 credits from the following types of courses:
 GEP 6: Take one additional course from either Cultural and Historical Foundation, Area 1 or 2.
 Consider that some courses also partially satisfy the Gordon Rule requirement. Preferred: MUL 2010 - Enjoyment of Music Credit (3), THE 2000 - Theatre Survey (3), PHI 2010 - Introduction to Philosophy (3)

Mathematical Foundations

6 - 7 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
 GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - Preferred: MGF 1106 - Finite Mathematics (3)
 - Complete at least 1 courses from the following:
 GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)
 - Preferred: STA 2014 - Principles of Statistics (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:

- GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
- Preferred: PSY 2012 - General Psychology (3)
- Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
- Preferred: POS 2041 - American National Government (3)

Science Foundations

6 - 8 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - Preferred: PSC 1121 - Physical Science (3)
 - Complete at least 1 courses from the following:
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)
 - Preferred: BSC 1005 - Biological Principles (3)

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

CPP

6 Total Credits

- Complete all of the following
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information. A grade of "C-"(1.75) or better is required. Students must also complete SPC 1608 and LIT 2110 as part of the GEP.
 - Complete the following:
 - EDF2005 - Introduction to the Teaching Profession (3)
 - ENL2012 - English Literature I (3)

Grand Total Credits: **6**

Degree Requirements

Core Requirements: Basic Level

3 Total Credits

- Complete all of the following
 - A grade of "C-"(1.75) or better is required.
 - Complete the following:
 - EDF2130 - Child and Adolescent Development for Educators (3)

Core Requirements: Advanced Level
0 Total Credits

- A grade of "C-"(1.75) or better is required.

Education Core Requirements
21 Total Credits

- Complete all of the following
 - EDG 4410 and TSL 4080 are required prior to Internship I
 - Complete the following:
 - EDG4410 - Teaching Strategies and Classroom Management (3)
 - TSL4080 - Theory and Practice of Teaching ESOL Students in Schools (3)
 - EDF4467 - Learning Theory and Assessment (3)
 - EDF4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools (3)
 - EEX4242 - Teaching Exceptional Students in Secondary Settings (3)
 - RED4043 - Content Reading in Kindergarten through Grade 12 (3)
 - TSL4240 - Issues in Second Language Acquisition (3)

Education Track Specialization Requirements
33 Total Credits

- Complete all of the following
 - A grade of "C-"(1.75) or better is required. SPC 1608 and LIT2110 are prerequisites for Internship I and should be completed in the GEP. ENL 2012 and ENL 2022 are prerequisites for Internship I. Completion of LAE 4466, LAE 4464, and LAE 4361 prior to Internship I is strongly recommended.
 - Complete the following:
 - ENL2012 - English Literature I (3)
 - ENL2022 - English Literature II (3)
 - CRW3013 - Creative Writing for English Majors (3)
 - ENG3014 - Theories and Techniques of Literature Study (3)
 - AML3031 - American Literature I (3)
 - AML3041 - American Literature II (3)
 - LAE4466 - Canon, Young Adult Literature and the English Language Arts Curriculum (3)
 - LAE4464 - Survey of Adolescent Literature (3)
 - LAE4361 - Literacy Strategies in a Digital Age for Middle and High School (3)
 - SSE4395 - Teaching with Primary Sources (3)
 - TSL4942 - ESOL Field Experience (3)

Education Track Specialization Requirements
3 Total Credits

- Complete at least 1 of the following:
 - ENC3311 - Essay as Cultural Commentary (3)
 - LIN4105 - History of the English Language (3)

Internship I Block
9 Total Credits

- Complete all of the following
 - Prior to Internship I, the student must have completed all Common Program Prerequisites, all Core Requirements: Basic Level, ENL 2022, EDG 4410, TSL 4080, and 50% of specialization course requirements with a letter grade of "C-" (1.75) or better. However, a minimum GPA of 2.5 is required in the education core, specialization and overall for entry into Internship I. It is strongly recommended that LAE 4466, LAE 4464 and LAE 4361 are taken prior to Internship I. Passing score on the General Knowledge Test portion of the Florida Teacher Certification Examination (FTCE) is required before entry into Internship I. Passing score on the Professional Education Test portion of the Florida Teacher Certification Examination (FTCE) is strongly recommended as soon as possible after completing the following courses: EDG 4410, EDF 4467, RED 4043, and TSL 4080. Students

must apply and be approved for Internship I. Deadline dates and placement application are available through the Office of Clinical & Field Experiences at <https://ccie.ucf.edu/clinicaexp/>. A fee may be required as part of the placement application process. A grade of "C-" (1.75) or better is required.

- Complete the following:
 - LAE4360 - English Instructional Analysis (3)
 - LAE4342 - Programs in Teaching Language and Composition (3)
- Earn at least 3 credits from the following types of courses:
LAE3940 - Internship (3)
- Strongly recommended to complete LAE 3940, LAE 4360, and LAE 4342 concurrently in the fall semester. For students completing LAE 3940 in fall semester, LAE 4360 and LAE 4342 will be taken as co-requisites. For students completing LAE 3940 in spring semester, LAE 4360 and LAE 4342 will be taken as pre-requisites in the fall semester prior to internship.

Internship II Block 12 Total Credits

- Complete all of the following
 - All education/ methods courses and at least 80% of all specialization courses must be completed with a letter grade of "C-" (1.75) or better before admission into Internship II. However, a minimum GPA of 2.5 is required in the education core, specialization and overall for admission to Internship II. Students must apply and be approved for Internship II. Deadline dates and placement application are available through the Office of Clinical & Field Experiences at <https://ccie.ucf.edu/clinicaexp/>. A fee may be required as part of the placement application process. Satisfactory completion of Internship II requires the student to demonstrate proficiency in all Florida Educator Accomplished Practices in accordance with State Board of Education Rule 6A-5.066. Passing scores on all sections [General Knowledge, Professional, and Subject Area (English 6-12)] of the Florida Teacher Certification Examination (FTCE) are required prior to entry into Internship II. A grade of "C-"(1.75) or better is required.
 - Complete the following:
 - ESE4033C - Critical Issues and Trends in Secondary Education (3)
 - Earn at least 9 credits from the following types of courses:
LAE 4941 - Internship (9)

Grand Total Credits: **81**

Program Details

Restricted Electives

- None

Capstone Requirements

- None

Electives

- None

Foreign Language Requirements

Admissions

- State University System foreign language admission requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- Achieve a minimum 2.5 GPA in all courses within the major.
- Achieve a minimum 2.5 GPA in the education core coursework.
- Achieve a minimum 2.5 GPA in the specialization coursework.
- Achieve a minimum overall 2.5 GPA
- You must upload key assignments using the Via by Watermark platform. Key assignments are assessed by faculty to provide evidence of candidate proficiency in all Florida Educator Accomplished Practices (FEAPs). All teacher education candidates, Lifelong Learning majors, and Early Childhood Development and Education majors (all ECDE tracks) are required to complete Via requirements before being certified for graduation. See <https://ccie.ucf.edu/explore-via/>

Education Track

- Complete ESOL standards assessment tracking requirements in Via platform for the ESOL endorsement.
- Pass all applicable sections of the Florida Teacher Certification Examination. See <http://www.fldoe.org> for test dates and test sites. Effective January 1, 2015, only examination results earned by educators within 10 years prior to the date of application for a new Florida Educator's Certificate with the Florida Department of Education may be acceptable for certification eligibility requirements (SBE Rule 6A-4.002)

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- Consult with your Education advisor and review your degree audit for more recent information.

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$12 per term
- Full-Time Student: \$24 per term

Plan of Study

English Language Arts Education Track (6-12)

Freshman Year - Fall (12 Credit Hours)

- Cultural & Historical Foundation, Area 1 Elective **Credit Hours: 3**
- ENC 1101 - Composition I **Credit Hours: 3**
- MGF 1106 - Finite Mathematics **Credit Hours: 3**
- PSY 2012 - General Psychology **Credit Hours: 3**

Freshman Year - Spring (12 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- POS 2041 - American National Government **Credit Hours: 3**
- PSC 1121 - Physical Science **Credit Hours: 3**

Select One: (3 Credit Hours)

- MUL 2010 - Enjoyment of Music **Credit Hours: 3**
- THE 2000 - Theatre Survey **Credit Hours: 3**
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3**

Freshman Year - Summer (3 Credit Hours)

- LIT 2110 - World Literature I **Credit Hours: 3**

Sophomore Year - Fall (15 Credit Hours)

- ENL 2012 - English Literature I **Credit Hours: 3**
- EDF 2005 - Introduction to the Teaching Profession **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- STA 2014 - Principles of Statistics **Credit Hours: 3**
- BSC 1005 - Biological Principles **Credit Hours: 3**

Sophomore Year - Spring (12 Credit Hours)

- ENL 2022 - English Literature II **Credit Hours: 3**
- AML 3031 - American Literature I **Credit Hours: 3**
- CRW 3013 - Creative Writing for English Majors **Credit Hours: 3**
- EDF 2130 - Child and Adolescent Development for Educators **Credit Hours: 3**

Sophomore Year - Summer (6 Credit Hours)

- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**
- AML 3041 - American Literature II **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- TSL 4240 - Issues in Second Language Acquisition **Credit Hours: 3**
- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**
- RED 4043 - Content Reading in Kindergarten through Grade 12 **Credit Hours: 3**
- TSL 4942 - ESOL Field Experience **Credit Hours: 3**

Select one:

- ENC 3311 - Essay as Cultural Commentary **Credit Hours: 3**
- LIN 4105 - History of the English Language **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- ENG 3014 - Theories and Techniques of Literature Study **Credit Hours: 3**
- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**
- EDF 4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools **Credit Hours: 3**
- LAE 4464 - Survey of Adolescent Literature **Credit Hours: 3**
- LAE 4466 - Canon, Young Adult Literature and the English Language Arts Curriculum **Credit Hours: 3**

Junior Year - Summer (3 Credit Hours)

- LAE 4361 - Literacy Strategies in a Digital Age for Middle and High School **Credit Hours: 3**
- SSE 4395 - Teaching with Primary Sources **Credit Hours: 3**

Senior Year - Fall (12 Credit Hours)

- EEX 4242 - Teaching Exceptional Students in Secondary Settings **Credit Hours: 3**
- LAE 4360 - English Instructional Analysis **Credit Hours: 3**
- LAE 4342 - Programs in Teaching Language and Composition **Credit Hours: 3**

LAE 3940 - Internship **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- LAE 4941 - Internship **Credit Hours: 9**
- ESE 4033C - Critical Issues and Trends in Secondary Education **Credit Hours: 3**

Secondary Education, Mathematics Education - Lifelong Learning Track (B.S.)

College

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Major

Program Description

**College of Community Innovation and Education
School of Teacher Education
Education Complex & Gym (ED), 209**

Senior Lecturer & Secondary Education Academic Program Coordinator: Dr. Janet Andreasen
Education Complex & Gym (ED), 123H
Janet.Andreasen@ucf.edu

The Secondary Education B.S. - Mathematics Education - Lifelong Learning Track (non-certification) program is specifically focused on students who wish to use their knowledge of Mathematics Education to pursue educational careers outside of traditional schools. The Lifelong Learning Track prepares graduates for employment in a broad spectrum of professional opportunities including non-profits and non-traditional educational agencies. The Lifelong Learning Track is appropriate for students seeking opportunities for employment outside formal, K-12 schools that do not require certification.

Admission Requirements

- Complete the University General Education requirements or its equivalent, i.e. an AA degree from a Florida College System or State University System institution.
- Complete the EDF 2005 - Introduction to the Teaching Profession course with a minimum letter grade of "C-" (1.75) or better.
- Meet the Gordon Rule Requirement.
- Meet the foreign language admission requirement.
- Have a minimum 2.5 overall GPA

Degree Requirements

- Students should see an advisor prior to registering for classes
- The courses designated in 1. (General Education) and 2. (Education Common Program Prerequisites) should be completed prior to admission to the major and upper division education courses.

General Education (GEP)

Communication Foundations
9 Total Credits

- Complete all of the following
 - Students are advised to take the preferred courses.
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Preferred: SPC 1608 - Fundamentals of Oral Communication (3)

Cultural & Historical Foundations
9 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)

- HUM2230 - Studies in Culture: 17th Century to Present (3)
- WOH2012 - World Civilization I (3)
- WOH2022 - World Civilization II (3)
- Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Earn at least 3 credits from the following types of courses:
GEP 6: Take one additional course from either Cultural and Historical Foundation, Area 1 or 2. Consider that some courses also partially satisfy the Gordon Rule requirement. Preferred: MUL 2010 - Enjoyment of Music (3), THE 2000 - Theatre Survey (3), or PHI 2010 - Introduction to Philosophy (3)

Mathematical Foundations

6 - 7 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - MAC 2311C - Calculus with Analytic Geometry I (4) is required for the major.
 - Complete at least 1 courses from the following:
GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)
 - STA 2023 - Statistical Methods I (3) is required for the major

Social Foundations

6 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - Preferred: PSY 2012 - General Psychology (3)
 - Complete at least 1 courses from the following:
GEP 10- Social Foundation

- AMH2020 - U.S. History: 1877-Present (3)
- ECO2013 - Principles of Macroeconomics (3)
- ECO2023 - Principles of Microeconomics (3)
- POS2041 - American National Government (3)
- Preferred: POS 2041 - American National Government (3)

Science Foundations

6 - 8 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - Preferred: PSC 1121 - Physical Science (3)
 - Complete at least 1 courses from the following:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)
 - Preferred: BSC 1005 - Biological Principles (3)

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

CPP

11 Total Credits

- Complete all of the following
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information. A grade of "C-" (1.75) or better is required. MAC 2311C - Calculus with Analytic Geometry I (4) is required and may be completed in the GEP.
 - Complete the following:
 - EDF2005 - Introduction to the Teaching Profession (3)
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - MAC2313 - Calculus with Analytic Geometry III (4)

Grand Total Credits: **11**

Degree Requirements

Core Requirements: Basic Level

9 Total Credits

- Complete all of the following
 - A grade of "C-" (1.75) or better is required Students should consult advisor regarding course options. STA 2023 - Statistical Methods I (3) is required and may be completed in the GEP.
 - Complete the following:
 - MAP2302 - Ordinary Differential Equations I (3)

- EDG2000 - Careers in K-12 Education (3)
- Complete at least 1 of the following:
 - EDF2130 - Child and Adolescent Development for Educators (3)
 - EDP2270 - Adult Development & Learning (3)

Core Requirements: Advanced Level

0 Total Credits

- A grade of "C-" (1.75) or better is required.

Education Core Requirements

24 Total Credits

- Complete all of the following
 - Students must apply and be approved to take EDG 4942. Applications should be submitted in the semester prior to taking this course. For further information regarding EDG 4942, students should meet with their academic advisor.
 - Complete the following:
 - EDG4410 - Teaching Strategies and Classroom Management (3)
 - EDF4467 - Learning Theory and Assessment (3)
 - EDF4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools (3)
 - TSL4080 - Theory and Practice of Teaching ESOL Students in Schools (3)
 - EEX4242 - Teaching Exceptional Students in Secondary Settings (3)
 - RED4043 - Content Reading in Kindergarten through Grade 12 (3)
 - MAE4634 - Programs in Teaching of Mathematics (3)
 - EDG4942 - Lifelong Learning Education Internship (3)

Lifelong Learning Track Specialization Requirements

39 Total Credits

- Complete all of the following
 - Select preferred specialization courses with advisor approval. A minimum of nine (9) hours must be taken in the content area. A minimum of twelve (12) hours must be taken in Education coursework (prefix EDF, EDG, EEX, MAE, TSL, RED). Substitutions are allowed with advisor approval. A grade of "C-"(1.75) or better is required. Must have a total of 42 or more hours of upper level courses to graduate.
 - Earn at least 39 credits from the following:
 - MAE3366 - Middle and High School Mathematics for Teaching (3)
 - MAE4333 - Teaching Geometry in the Secondary Schools (3)
 - MAE4339 - Teaching Algebra in Secondary Schools (3)
 - MAE4360 - Mathematics Instructional Analysis (4)
 - MAE4383 - Teaching Secondary Mathematics with Technology (3)
 - MAS3105 - Matrix and Linear Algebra (4)
 - MAS3203 - Introduction to Number Theory (3)
 - MHF3302 - Logic and Proof in Mathematics (3)
 - STA4163 - Statistical Methods II (3)
 - EDG4941 - Directed Field Experience (1 - 8)
 - EDG4948 - Service Learning (3)
 - EDG4948 - Service Learning (3)
 - CCJ3024 - Criminal Justice System (3)
 - CCJ4651 - Drugs and Crime (3)
 - CCJ4670 - Women and Crime (3)
 - CJE3001 - Careers in Criminal Justice (4)
 - CJE3444 - Crime Prevention (3)
 - DEP2004 - Developmental Psychology (3)
 - Course Not Found
 - DEP3464 - Psychology of Aging (3)
 - DIG2000 - Introduction to Digital Media (3)
 - EAB3703 - Principles of Behavior Modification (3)
 - ECT4184 - Curriculum Development Techniques for Industry Training (3)
 - EXP3604 - Cognitive Psychology (3)
 - EXP3250 - Principles of Human Factors Psychology (3)
 - HFT1000 - Introduction to the Hospitality and Tourism Industry (3)

- HFT2750 - The Event Industry (3)
- HIM3006 - Foundations of Health Information Management (HIM) (3)
- HSA4003 - The Patient Experience from an Administrator's Perspective (3)
- HSC3537 - Medical Terminology (3)
- PLA3108 - Legal Research (3)
- PLA3108 - Legal Research (3)
- PLA3155 - Legal Writing (3)
- PLA3306 - Criminal Law (3)
- PLA3951H - Honors Moot Court (3)
- PLA4020 - Law and Society (3)
- SPC3445 - Leadership Through Oral Communication (3)
- SPC4331 - Nonverbal Communication (3)

Grand Total Credits: **72**

Program Details

Restricted Electives

- None

Capstone Requirements

- None

Electives

- None

Foreign Language Requirements

Admissions

- State University System foreign language admission requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- Achieve a minimum 2.5 GPA in all courses within the major.
- Achieve a minimum 2.5 GPA in the education core coursework.
- Achieve a minimum 2.5 GPA in the specialization coursework.
- You must upload key assignments using the Watermark platform. Key assignments are assessed by faculty to provide evidence of candidate proficiency in all Florida Educator Accomplished Practices (FEAPs); All teacher education candidates, Lifelong Learning majors, and Early Childhood Development & Education majors (all ECDE tracks) are required to complete Watermark requirements before being certified for graduation. See <https://ccie.ucf.edu/explore-via/>

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- None

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$12 per term
- Full-Time Student: \$24 per term

Secondary Education, Mathematics Education Track (B.S.)

College

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Major

Program Description

**College of Community Innovation and Education
School of Teacher Education
Secondary Education Program
Education Building, Room: 209**

Senior Lecturer: Dr. Janet Andreasen
Education Complex & Gym, 123H
Janet.Andreasen@ucf.edu

The Secondary Education B.S. - Mathematics Education program offers students the option of two tracks: Mathematics Education - Education Track and Mathematics Education - Lifelong Learning Track (non-certification). The Education Track is appropriate for students interested in opportunities for employment with formal, 6-12 schools that require certification.

This Secondary Education B.S. -Mathematics Education program has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit <https://apq.ucf.edu/files/Licensure-Disclosure-CCIE-Secondary-Ed-BS.pdf>

Admission Requirements

- Complete the University General Education requirements or its equivalent, i.e. an AA degree from a Florida College System or State University System institution.
- Complete the EDF 2005 - Introduction to the Teaching Profession course with a minimum letter grade of "C-" (1.75) or better.
- Meet the Gordon Rule Requirement.
- Meet the foreign language admission requirement.
- Have a minimum 2.5 overall GPA
- Pass all four parts of the General Knowledge Test (no alternatives or waivers are accepted).

Degree Requirements

- Students should see an advisor prior to registering for classes
- The courses designated in 1. (General Education) and 2. (Education Common Program Prerequisites) should be completed prior to admission to the major and upper division education courses.
- The Education Track is a state-approved, initial teacher preparation program designed in compliance with Florida Statutes and State Board of Education Rule 6A-5.066. Degree requirements are subject to change based on state mandates.

General Education (GEP)

Communication Foundations

9 Total Credits

- Complete all of the following
 - Students are advised to take the preferred courses.
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Preferred: SPC 1608 - Fundamentals of Oral Communication (3)

Cultural & Historical Foundations

9 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - Earn at least 3 credits from the following types of courses:
GEP 6: Take one additional course from either Cultural and Historical Foundation, Area 1 or 2.
Consider that some courses also partially satisfy the Gordon Rule requirement. Preferred: SPC 1608 - Fundamentals of Oral Communication (3)

Mathematical Foundations

6 - 7 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - MAC 2311C - Calculus with Analytic Geometry I (4) is required for the major.

- Complete at least 1 courses from the following:
GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)
- STA 2023 - Statistical Methods I (3) is required for the major.

Social Foundations

6 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - Preferred: PSY 2012 - General Psychology (3)
 - Complete at least 1 courses from the following:
GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
 - Preferred: POS 2041 - American National Government (3)

Science Foundations

6 - 8 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - Preferred: PSC 1121 - Physical Science (3)
 - Complete at least 1 courses from the following:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)
 - Preferred: BSC 1005 - Biological Principles (3)

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

CPP

11 Total Credits

- Complete all of the following
 - MAC 2311C - Calculus with Analytic Geometry I Credit Hours: 4 (GEP)
 - Complete the following:
 - EDF2005 - Introduction to the Teaching Profession (3)
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - MAC2313 - Calculus with Analytic Geometry III (4)

Grand Total Credits: **11**

Degree Requirements

Core Requirements: Basic Level

3 Total Credits

- Complete all of the following
 - A grade of "C-" (1.75) or better is required Students should consult advisor regarding course options.
 - Complete the following:
 - EDF2130 - Child and Adolescent Development for Educators (3)

Core Requirements: Advanced Level

0 Total Credits

- A grade of "C-" (1.75) or better is required.

Education Core Requirements

18 Total Credits

- Complete all of the following
 - EDG 4410 and TSL 4080 are prerequisites to Internship I.
 - Complete the following:
 - EDG4410 - Teaching Strategies and Classroom Management (3)
 - EDF4467 - Learning Theory and Assessment (3)
 - EDF4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools (3)
 - TSL4080 - Theory and Practice of Teaching ESOL Students in Schools (3)
 - EEX4242 - Teaching Exceptional Students in Secondary Settings (3)
 - RED4043 - Content Reading in Kindergarten through Grade 12 (3)

Education Track Specialization Requirements

31 Total Credits

- Complete all of the following
 - A grade of "C-" (1.75) or better is required. MAP 2302, MAC 2311, MAC 2312, and MAC 2313 are prerequisites to Internship I. MAE 4634, MAE 3366, MAE 4333, and MAE 4383 are strongly recommended prior to Internship I.
 - MAC 2311C - Calculus with Analytic Geometry I Credit Hours: 4 (GEP) STA 2023 - Statistical Methods I Credit Hours: 3 (GEP) MAC 2312 - Calculus with Analytic Geometry II Credit Hours: 4 (CPP) MAC 2313 - Calculus with Analytic Geometry III Credit Hours: 4 (CPP)
 - Complete the following:
 - MAP2302 - Ordinary Differential Equations I (3)
 - MAS3105 - Matrix and Linear Algebra (4)
 - MAS3203 - Introduction to Number Theory (3)
 - MHF3302 - Logic and Proof in Mathematics (3)
 - STA4163 - Statistical Methods II (3)
 - MAE4634 - Programs in Teaching of Mathematics (3)
 - MAE3366 - Middle and High School Mathematics for Teaching (3)
 - MAE4333 - Teaching Geometry in the Secondary Schools (3)
 - MAE4339 - Teaching Algebra in Secondary Schools (3)
 - MAE4383 - Teaching Secondary Mathematics with Technology (3)

Internship I Block
7 Total Credits

- Complete all of the following
 - Prior to Internship I, the student must have completed all Common Program Prerequisites, all Core Requirements: Basic Level, MAP 2302, EDG 4410, TSL 4080 and at least 50% of all required specialization courses with a minimum grade of "C-" (1.75) or better. However, a minimum GPA of 2.5 is required in the education core, specialization and overall for admission into Internship I. It is strongly recommended that students have completed MAE 3366, MAE 4634, MAE 4333, and MAE 4383 prior to Internship I. Passing score on the General Knowledge Test portion of the Florida Teacher Certification Examination (FTCE) is recommended before entry to Internship I. Passing score on the Professional Education Test portion of the Florida Teacher Certification Examination (FTCE) is strongly recommended as soon as possible after completing the following courses: EDG 4410, EDF 4467, RED 4043, and TSL 4080. Students must apply and be approved for Internship I. Deadline dates and placement application are available through the Office of Clinical & Field Experiences at <https://ccie.ucf.edu/clinicalexp/>. A fee may be required as part of the placement application process.
 - Complete the following:
 - MAE4360 - Mathematics Instructional Analysis (4)
 - Earn at least 3 credits from the following types of courses:
MAE 3940 - Internship
 - Strongly recommended to complete MAE 3940 and MAE 4360 concurrently in the fall semester. For students completing MAE 3940 in fall semester, MAE 4360 will be taken as a co-requisite. For students completing MAE 3940 in spring semester, MAE 4360 will be taken as a pre-requisite in the fall semester prior to internship.

Internship II Block
13 Total Credits

- Complete all of the following
 - At least 80% of all required specialization courses and all education/methods courses must be completed with a letter grade of "C-" (1.75) or better before admission to Internship II. However, a minimum GPA of 2.5 is required in the professional, specialization and overall for admission to Internship II. Passing scores on all sections [General Knowledge, Professional, and Subject Area (Mathematics 6-12)] of the Florida Teacher Certification Examination (FTCE) are required prior to entry into Internship II. Students must apply and be approved for Internship II. Deadline dates and placement application are available through the Office of Clinical & Field Experiences at <https://ccie.ucf.edu/clinicalexp/>. A fee may be required as part of the placement application process. Satisfactory completion of Internship II requires the student to demonstrate proficiency in all Florida Educator Accomplished Practices in accordance with State Board of Education Rule 6A-5.066.
 - Complete the following:
 - ESE4033C - Critical Issues and Trends in Secondary Education (3)
 - Earn at least 10 credits from the following types of courses:
MAE 4941 - Internship

Grand Total Credits: **72**

Program Details

Restricted Electives

- None

Capstone Requirements

- None

Electives

- None

Foreign Language Requirements

Admissions

- State University System foreign language admission requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- Achieve a minimum 2.5 GPA in all courses within the major.
- Achieve a minimum 2.5 GPA in the education core coursework.
- Achieve a minimum 2.5 GPA in the specialization coursework.
- You must upload key assignments using the Watermark platform. Key assignments are assessed by faculty to provide evidence of candidate proficiency in all Florida Educator Accomplished Practices (FEAPs). All teacher education candidates, Lifelong Learning majors, and Early Childhood Development & Education majors (all ECDE tracks) are required to complete Watermark requirements before being certified for graduation. See <https://ccie.ucf.edu/explore-via/>
- Pass all applicable sections of the Florida Teacher Certification Examination. See <http://www.fldoe.org> for test dates and test sites. Effective January 1, 2015, only examination results earned by educators within 10 years prior to the date of application for a new Florida Educator's Certificate with the Florida Department of Education may be acceptable for certification eligibility requirements (SBE Rule 6A-4.002)

University Minimum Exit Requirements

- A 2.0 UCF GPA

- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- None

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oemas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$12 per term
- Full-Time Student: \$24 per term

Plan of Study (120 Credit Hours)

Mathematics Education Track (6-12)

Freshman Year - Fall (13 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**
- PSC 1121 - Physical Science **Credit Hours: 3**
- Cultural & Historical Foundation, Area 1 Elective **Credit Hours: 3**

Freshman Year - Spring (16 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- Cultural & Historical Foundation, Area 3 Elective (Prefer course from Cultural & Historical Foundation, Area 1) **Credit Hours: 3**
- BSC 1005 - Biological Principles **Credit Hours: 3**

Freshman Year - Summer (10 Credit Hours)

- MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4**
- PSY 2012 - General Psychology **Credit Hours: 3**

Select One

- MUL 2010 - Enjoyment of Music **Credit Hours: 3**
- THE 2000 - Theatre Survey **Credit Hours: 3**
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3**

Sophomore Year - Fall (12 Credit Hours)

- EDF 2005 - Introduction to the Teaching Profession **Credit Hours: 3**
- MAP 2302 - Ordinary Differential Equations I **Credit Hours: 3**
- POS 2041 - American National Government **Credit Hours: 3**
- MHF 3302 - Logic and Proof in Mathematics **Credit Hours: 3**

Sophomore Year - Spring (13 Credit Hours)

- STA 2023 - Statistical Methods I **Credit Hours: 3**
- MAS 3105 - Matrix and Linear Algebra **Credit Hours: 4**
- MAS 3203 - Introduction to Number Theory **Credit Hours: 3**
- EDF 2130 - Child and Adolescent Development for Educators **Credit Hours: 3**

Sophomore Year - Summer (3 Credit Hours)

- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**

Junior Year - Fall (12 Credit Hours)

- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**
- EEX 4242 - Teaching Exceptional Students in Secondary Settings **Credit Hours: 3**

- STA 4163 - Statistical Methods II **Credit Hours: 3**
- MAE 4383 - Teaching Secondary Mathematics with Technology **Credit Hours: 3**

Junior Year - Spring (12 Credit Hours)

- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**
- MAE 3366 - Middle and High School Mathematics for Teaching **Credit Hours: 3**
- MAE 4339 - Teaching Algebra in Secondary Schools **Credit Hours: 3**
- MAE 4634 - Programs in Teaching of Mathematics **Credit Hours: 3**

Junior Year - Summer (3 credit hours)

- RED 4043 - Content Reading in Kindergarten through Grade 12 **Credit Hours: 3**

Senior Year - Fall (13 Credit Hours)

- EDF 4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools **Credit Hours: 3**
 - MAE 4360 - Mathematics Instructional Analysis **Credit Hours: 4**
 - MAE 4333 - Teaching Geometry in the Secondary Schools **Credit Hours: 3**
- MAE 3940 - Internship **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- MAE 4941 - Internship **Credit Hours: 10**
- ESE 4033C - Critical Issues and Trends in Secondary Education **Credit Hours: 3**

Secondary Education, Science Education Biology - Lifelong Learning Track (B.S.)

College

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Major

Program Description

**College of Community Innovation and Education
School of Teacher Education
Secondary Education Program
Education Building & Gym (ED), 209**

Senior Lecturer & Secondary Education Academic Program Coordinator (Lifelong Learning Track):

Dr. Janet Andreasen

Education Building & Gym (ED), 123H

Janet.Andreasen@ucf.edu

The Secondary Education B.S. - Science Education Biology - Lifelong Learning Track (non-certification) program is specifically focused on students who wish to use their knowledge of Science Education - Biology to pursue educational careers outside of traditional schools. The Lifelong Learning Track prepares graduates for employment in a broad spectrum of professional opportunities including non-profits and non-traditional educational agencies. The Lifelong Learning Track is appropriate for students seeking opportunities for employment outside formal, K-12 schools that do not require certification.

Admission Requirements

- Complete the University General Education requirements or its equivalent, i.e. an AA degree from a Florida College System or State University System institution.
- Complete the EDF 2005 Introduction to the Teaching Profession course with a minimum letter grade of "C-" (1.75) or better.
- Meet the Gordon Rule Requirement
- Meet Foreign Language Admission Requirement.
- Have a minimum 2.5 overall GPA

Degree Requirements

- Students should see an advisor prior to registering for classes
- The courses designated in 1 (UCF General Education Program) and 2 (Education Common Program Prerequisites) should be completed prior to admission to the major and upper division education courses.

General Education (GEP)

Communication Foundations

9 Total Credits

- Complete all of the following
 - Note: Students are advised to take the preferred courses.
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - SPC 1608 - Fundamentals of Oral Communication (3) is required for the major.

Cultural & Historical Foundations

9 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)

- HUM2210 - Studies in Culture: Ancient to 17th Century (3)
- HUM2230 - Studies in Culture: 17th Century to Present (3)
- WOH2012 - World Civilization I (3)
- WOH2022 - World Civilization II (3)
- Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Earn at least 3 credits from the following types of courses:
GEP 6: Take one additional course from either Cultural and Historical Foundation, Area 1 or 2. Consider that some courses also partially satisfy the Gordon Rule requirement. Preferred: MUL 2010 - Enjoyment of Music (3), THE 2000 - Theatre Survey (3), or PHI 2010 - Introduction to Philosophy (3)

Mathematical Foundations

6 - 7 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - MAC 2311C - Calculus with Analytic Geometry I (4) is required for the major.
 - Complete at least 1 courses from the following:
GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)
 - Preferred: STA 2014 - Principles of Statistics (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - Preferred: PSY 2012 - General Psychology (3)
 - Complete at least 1 courses from the following:

GEP 10- Social Foundation

- AMH2020 - U.S. History: 1877-Present (3)
- ECO2013 - Principles of Macroeconomics (3)
- ECO2023 - Principles of Microeconomics (3)
- POS2041 - American National Government (3)
- Preferred: POS 2041 - American National Government (3)

Science Foundations

6 - 8 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - PHY 2053C - College Physics I (4), with a grade of "C-" (1.75) or better, is required for the major.
 - Complete at least 1 courses from the following:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)
 - BSC 2010C - Biology I (4), with a grade of "C-" (1.75) or better, is required for the major.

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

CPP

15 Total Credits

- Complete all of the following
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information. A grade of "C-" (1.75) or better is required. BSC 2010C - Biology I (4) and MAC 2311C - Calculus with Analytic Geometry I (4) are required and may be completed in the GEP.
 - Complete the following:
 - EDF2005 - Introduction to the Teaching Profession (3)
 - BSC2011C - Biology II (4)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHM2046 - Chemistry Fundamentals II (3)
 - CHM2046L - Chemistry Fundamentals Laboratory (1)

Grand Total Credits: **15**

Degree Requirements

Core Requirements: Basic Level

6 Total Credits

- Complete all of the following
 - A grade of "C-" (1.75) or better is required. Transfer Notes: Courses taken at Florida College System institutions may substitute for select courses in this section with the permission of the

- department. Students should consult with advisor regarding course options
- Complete the following:
 - EDG2000 - Careers in K-12 Education (3)
- Complete at least 1 of the following:
 - EDF2130 - Child and Adolescent Development for Educators (3)
 - EDP2270 - Adult Development & Learning (3)

Core Requirements: Advanced Level
0 Total Credits

- A grade of "C-" (1.75) or better is required.

Education Core Requirements
24 Total Credits

- Complete all of the following
 - Students must apply and be approved to take EDG 4942. Applications should be submitted in the semester prior to taking this course. For further information regarding EDG 4942, students should meet with their academic advisor.
 - Complete the following:
 - EDF4467 - Learning Theory and Assessment (3)
 - EDF4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools (3)
 - EDG4410 - Teaching Strategies and Classroom Management (3)
 - EEX4242 - Teaching Exceptional Students in Secondary Settings (3)
 - RED4043 - Content Reading in Kindergarten through Grade 12 (3)
 - TSL4080 - Theory and Practice of Teaching ESOL Students in Schools (3)
 - SCE4361 - Programs in Teaching Science (3)
 - EDG4942 - Lifelong Learning Education Internship (3)

Lifelong Learning Track Specialization Requirements
36 Total Credits

- Complete all of the following
 - Select preferred specialization courses with advisor approval. A minimum of nine (9) hours must be taken in the content area. A minimum of twelve (12) hours must be taken in Education coursework (prefix EDF, EDG, EEX, EME, SCE, TSL, RED). Substitutions are allowed with advisor approval. A grade of "C-"(1.75) or better is required. Must have a total of 42 or more hours of upper level courses to graduate.
 - Earn at least 36 credits from the following:
 - CHM2205 - Introduction to Organic and Biochemistry (5)
 - MCB3020C - General Microbiology (5)
 - PCB3044 - Principles of Ecology (3)
 - PCB3044L - Principles of Ecology Laboratory (1)
 - PCB3063 - Genetics (3)
 - PCB3063L - Genetics Laboratory (1)
 - PCB3703C - Human Physiology (4)
 - ZOO3733C - Human Anatomy (4)
 - SCE4633 - Secondary Science Curriculum (3)
 - SCE4933 - Seminar on Secondary Science Education (3)
 - EDG4941 - Directed Field Experience (1 - 8)
 - EDG4948 - Service Learning (3)
 - CCJ3024 - Criminal Justice System (3)
 - CCJ4651 - Drugs and Crime (3)
 - CCJ4670 - Women and Crime (3)
 - CJE3001 - Careers in Criminal Justice (4)
 - CJE3444 - Crime Prevention (3)
 - DEP2004 - Developmental Psychology (3)
 - Course Not Found
 - DEP3464 - Psychology of Aging (3)
 - DIG2000 - Introduction to Digital Media (3)
 - ECT4184 - Curriculum Development Techniques for Industry Training (3)
 - EXP3604 - Cognitive Psychology (3)
 - EXP3250 - Principles of Human Factors Psychology (3)

- EAB3703 - Principles of Behavior Modification (3)
- HFT1000 - Introduction to the Hospitality and Tourism Industry (3)
- HFT2750 - The Event Industry (3)
- HIM3006 - Foundations of Health Information Management (HIM) (3)
- HSA4003 - The Patient Experience from an Administrator's Perspective (3)
- HSC3537 - Medical Terminology (3)
- PLA3014 - Law and the Legal System (3)
- PLA3108 - Legal Research (3)
- PLA3155 - Legal Writing (3)
- PLA3306 - Criminal Law (3)
- PLA3951H - Honors Moot Court (3)
- PLA4020 - Law and Society (3)
- SPC3445 - Leadership Through Oral Communication (3)

Grand Total Credits: **66**

Program Details

Restricted Electives

- None

Capstone Requirements

- None

Electives

- None

Foreign Language Requirements

Admissions

- State University System foreign language admission requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- Achieve a minimum 2.5 GPA in all courses within the major.
- Achieve a minimum 2.5 GPA in the education core coursework.
- Achieve a minimum 2.5 GPA in the specialization coursework.
- Achieve a minimum overall 2.5 GPA .
- You must upload key assignments using the Watermark platform. Key assignments are assessed by faculty to provide evidence of candidate proficiency in all Florida Educator Accomplished Practices (FEAPs). All teacher education candidates, Lifelong Learning majors, and Early Childhood Development & Education majors (all ECDE tracks) are required to complete Watermark requirements before being certified for graduation. See <http://livetext.education.ucf.edu>

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- None

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alac/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$12 per term
- Full-Time Student: \$24 per term

Secondary Education, Science Education Biology Track (B.S.)

College

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Major

Program Description

**College of Community Innovation and Education
School of Teacher Education
Secondary Education Program
Education Building & Gym (ED), 209**

Associate Professor: Dr. Su Gao

Education Building & Gym (ED), 115F
Su.Gao@ucf.edu

The Secondary Education B.S.- Science Education Biology program offers students the option of two tracks: Science Education - Biology Track and Science Education - Biology Lifelong Learning Track (non-certification). The Education Track is appropriate for students interested in opportunities for employment with formal 6-12 schools that require certification.

This Secondary Education B.S.- Science Education Biology program has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit <https://apq.ucf.edu/files/Licensure-Disclosure-CCIE-Secondary-Ed-BS.pdf>

Admission Requirements

- Complete the University General Education requirements or its equivalent, i.e. an AA degree from a Florida College System or State University System institution.
- Complete the EDF 2005 Introduction to Teaching Profession course with a minimum letter grade of "C-" (1.75) or better.
- Meet the Gordon Rule Requirement
- Meet Foreign Language Admission Requirement.
- Have a minimum 2.5 overall GPA
- Pass all four parts of the General Knowledge Test (no alternatives or waivers are accepted).

Degree Requirements

- Students should see an advisor prior to registering for classes
- The courses designated in 1 (UCF General Education Program) and 2 (Education Common Program Prerequisites) should be completed prior to admission to the major and upper division education courses.
- The Education Track is a state-approved, initial teacher preparation program designed in compliance with Florida Statutes and State Board of Education Rule 6A-5.066. Degree requirements are subject to change based on state mandates.

General Education (GEP)

Communication Foundations

9 Total Credits

- Complete all of the following
 - Note: Students are advised to take the preferred courses.
 - Complete all courses from the following:
 - GE 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
 - GE 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - SPC 1608 - Fundamentals of Oral Communication Credit Hours: 3 (Preferred)

Cultural & Historical Foundations

9 Total Credits

- Complete all of the following

- Complete at least 1 courses from the following:
 GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
- Complete at least 1 courses from the following:
 GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Earn at least 3 credits from the following types of courses:
 GEP 6: Take one additional course from either Cultural and Historical Foundation, Area 1 or 2. Consider that some courses also partially satisfy the Gordon Rule requirement. Preferred: MUL 2010 - Enjoyment of Music (3), THE 2000 - Theatre Survey (3), or PHI 2010 - Introduction to Philosophy (3)

Mathematical Foundations

6 - 7 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
 GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - MAC 2311C - Calculus with Analytic Geometry I (4) is required for the major
 - Complete at least 1 courses from the following:
 GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)
 - Preferred: STA 2014 - Principles of Statistics (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
 GEP 9- Social Foundation

- ANT2000 - General Anthropology (3)
- HSA2117 - Civic Engagement in the US Healthcare System (3)
- PSY2012 - General Psychology (3)
- SYG2000 - Introduction to Sociology (3)
- Preferred: PSY 2012 - General Psychology (3)
- Complete at least 1 courses from the following:
GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
- Preferred: POS 2041 - American National Government (3)

Science Foundations

6 - 8 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - PHY 2053C - College Physics I (4), completed with a grade of "C-" (1.75) or higher, is required for the major.
 - Complete at least 1 courses from the following:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)
 - BSC 2010C - Biology I (4), completed with a grade of "C-" (1.75) or higher, is required for the major.

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

CPP

15 Total Credits

- Complete all of the following
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information. A grade of "C-" (1.75) or better is required. BSC 2010C - Biology I (4) and MAC 2311C - Calculus with Analytic Geometry I (4) are required and may be completed in the GEP.
 - Complete the following:
 - EDF2005 - Introduction to the Teaching Profession (3)
 - BSC2011C - Biology II (4)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHM2046 - Chemistry Fundamentals II (3)
 - CHM2046L - Chemistry Fundamentals Laboratory (1)

Grand Total Credits: **15**

Degree Requirements

Core Requirements: Basic Level
3 Total Credits

- Complete all of the following
 - A grade of "C-" (1.75) or better is required. Transfer Notes: Courses taken at Florida College System institutions may substitute for select courses in this section with the permission of the department. Students should consult with advisor regarding course options. EDF 2130 is a prerequisite to Internship I.
 - Complete the following:
 - EDF2130 - Child and Adolescent Development for Educators (3)

Core Requirements: Advanced Level
0 Total Credits

- A grade of "C-" (1.75) or better is required.

Education Core Requirements
18 Total Credits

- Complete all of the following
 - EDG 4410 - Teaching Strategies and Classroom Management (3) and TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools (3) are prerequisites to Internship I.
 - Complete the following:
 - EDF4467 - Learning Theory and Assessment (3)
 - EDF4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools (3)
 - EDG4410 - Teaching Strategies and Classroom Management (3)
 - EEX4242 - Teaching Exceptional Students in Secondary Settings (3)
 - RED4043 - Content Reading in Kindergarten through Grade 12 (3)
 - TSL4080 - Theory and Practice of Teaching ESOL Students in Schools (3)

Education Track Specialization Requirements
26 Total Credits

- Complete all of the following
 - BSC 2010C - Biology I (4) and PHY 2053C - College Physics I (4) are prerequisites for Internship I and may be completed in the GEP BSC 2011C - Biology II (4), CHM 2045C - Chemistry Fundamentals I (4), CHM 2046 - Chemistry Fundamentals II (3), and CHM 2046L - Chemistry Fundamentals Laboratory (1) are prerequisites for Internship I and should be completed in the CPP. SCE 4361 - Programs in Teaching Science (3), SCE 4633 - Secondary Science Curriculum (3), and Restricted Elective with advisor approval (2) are strongly recommended prior to Internship I.
 - Complete the following:
 - PCB3044 - Principles of Ecology (3)
 - PCB3044L - Principles of Ecology Laboratory (1)
 - CHM2205 - Introduction to Organic and Biochemistry (5)
 - MCB3020C - General Microbiology (5)
 - SCE4361 - Programs in Teaching Science (3)
 - SCE4633 - Secondary Science Curriculum (3)
 - Earn at least 2 credits from the following types of courses:
Restricted Elective with advisor approval
 - Earn at least 4 credits from the following types of courses:
PCB 3703C - Human Physiology (4), ZOO 3733C - Human Anatomy (4), or PCB 3063 - Genetics (3)
AND PCB 3063L - Genetics Laboratory (1)

Internship I Block
7 Total Credits

- Complete all of the following
 - Program Internship I Prerequisites: EDG 4410, TSL 4080, all Common Program Prerequisites, all Core Requirements: Basic Level, and at least 50% of all required specialization courses must be completed prior to Internship I with a minimum grade of a "C-" (1.75) or better. However, a minimum GPA of 2.5 is required in the education core, specialization and overall for entry into Internship I. It is strongly recommended that SCE 4361, SCE 4633, and 2 semester hours of

approved restricted electives are taken prior to Internship I. Passing score on the General Knowledge Test portion of the Florida Teacher Certification Examination (FTCE) is recommended before entry into Internship I. Passing score on the Professional Education Test portion of the Florida Teacher Certification Examination (FTCE) is strongly recommended as soon as possible after completing the following courses: EDG 4410, EDF 4467, RED 4043, and TSL 4080. Students must apply and be approved for Internship I. Deadline dates and placement application are available through the Office of Clinical & Field Experiences at <https://ccie.ucf.edu/clinicalexp/>. A fee may be required as part of the placement application process.

- Complete the following:
 - SCE4360 - Science Instructional Analysis (4)
- Earn at least 3 credits from the following types of courses:
SCE 3940 - Internship
- Strongly recommended to complete SCE 3940 and SCE 4360 concurrently in the fall semester. For students completing SCE 3940 in fall semester, SCE 4360 will be taken as a co-requisite. For students completing SCE 3940 in spring semester, SCE 4360 will be taken as a pre-requisite in the fall semester prior to internship.

Internship II Block

12 Total Credits

- Complete all of the following
 - At least 80% of all required specialization courses and all education/methods courses must be completed with a letter grade of "C-" (1.75) or better before admission into Internship II. However, a minimum GPA of 2.5 is required in the education core, specialization, and overall for admission into Internship II. Passing scores on all sections [General Knowledge, Professional, and Subject Area (Biology 6-12)] of the Florida Teacher Certification Examination (FTCE) are required prior to entry into Internship II. Students must apply and be approved for Internship II. Deadline dates and placement application are available through the Office of Clinical & Field Experiences at <https://ccie.ucf.edu/clinicalexp/>. A fee may be required as part of the placement application process. Satisfactory completion of Internship II requires the student to demonstrate proficiency in all Florida Educator Accomplished Practices at the pre-professional level in accordance with State Board of Education Rule 6A-5.066.
 - Complete the following:
 - ESE4033C - Critical Issues and Trends in Secondary Education (3)
 - Earn at least 9 credits from the following types of courses:
SCE 4941 - Internship

Grand Total Credits: **66**

Program Details

Restricted Electives

- None

Capstone Requirements

- None

Electives

- None

Foreign Language Requirements

Admissions

- State University System foreign language admission requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- Achieve a minimum 2.5 GPA in all courses within the major.
- Achieve a minimum 2.5 GPA in the education core coursework.
- Achieve a minimum 2.5 GPA in the specialization coursework.
- Achieve a minimum overall 2.5 GPA .
- You must upload key assignments using the Watermark platform. Key assignments are assessed by faculty to provide evidence of candidate proficiency in all Florida Educator Accomplished Practices (FEAPs). All teacher education candidates, Lifelong Learning majors, and Early Childhood Development & Education majors (all ECDE tracks) are required to complete Watermark requirements before being certified for graduation. See <https://ccie.ucf.edu/explore-via/>

Education Track

- Pass all applicable sections of the Florida Teacher Certification Examination. See <http://www.fldoe.org> for test dates and test sites. Effective January 1, 2015, only examination results earned by educators within 10 years prior to the date of application for a new Florida Educator's Certificate with the Florida Department of Education may be acceptable for certification eligibility requirements (SBE Rule 6A-4.002)

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- None

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$12 per term
- Full-Time Student: \$24 per term

Secondary Education, Science Education Chemistry - Lifelong Learning Track (B.S.)

College

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Major

Program Description

**College of Community Innovation and Education
School of Teacher Education
Secondary Education Program
Education Building & Gym (ED), 209**

Senior Lecturer & Secondary Education Academic Program Coordinator (Lifelong Learning Track):

Dr. Janet Andreasen

Education Building & Gym (ED), 123H

Janet.Andreasen@ucf.edu

The Secondary Education B.S. - Science Education Chemistry - Lifelong Learning Track (non-certification) program is specifically focused on students who wish to use their knowledge of Science Education Chemistry to pursue educational careers outside of traditional schools. The Lifelong Learning Track prepares graduates for employment in a broad spectrum of professional opportunities including non-profits and non-traditional educational agencies. The Lifelong Learning Track is appropriate for students seeking opportunities for employment outside formal, K-12 schools that do not require certification.

Admission Requirements

- Complete the University General Education requirements or its equivalent, i.e. an AA degree from a Florida College System or State University System institution.
- Complete the EDF 2005 Introduction to Teaching Profession course with a minimum letter grade of "C-" (1.75) or better.
- Meet the Gordon Rule Requirement.
- Meet Foreign Language Admission Requirement.
- Have a minimum 2.5 overall GPA

Degree Requirements

- Students should see an advisor prior to registering for classes
- The courses designated in 1 (UCF General Education Program) and 2 (Education Common Program Prerequisites) should be completed prior to admission to the major and upper division education courses

General Education (GEP)

Communication Foundations

9 Total Credits

- Complete all of the following
 - Note: Students are advised to take the preferred courses.
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Preferred: SPC 1608 - Fundamentals of Oral Communication (3)

Cultural & Historical Foundations

9 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)

- HUM2020 - Encountering the Humanities (3)
- HUM2210 - Studies in Culture: Ancient to 17th Century (3)
- HUM2230 - Studies in Culture: 17th Century to Present (3)
- WOH2012 - World Civilization I (3)
- WOH2022 - World Civilization II (3)
- Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Earn at least 3 credits from the following types of courses:
GEP 6: Take one additional course from either Cultural and Historical Foundation, Area 1 or 2. Consider that some courses also partially satisfy the Gordon Rule requirement. Preferred: MUL 2010 - Enjoyment of Music (3), THE 2000 - Theatre Survey (3), or PHI 2010 - Introduction to Philosophy (3)

Mathematical Foundations

6 - 7 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - MAC 1114C - College Trigonometry (3) is required for the major.
 - Complete at least 1 courses from the following:
GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)
 - Preferred: STA 2014 - Principles of Statistics (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - Preferred: PSY 2012 - General Psychology (3)

- Complete at least 1 courses from the following:
GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
- Preferred: POS 2041 - American National Government (3)

Science Foundations

6 - 8 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - PHY 2053C - College Physics I (4), with a grade of "C-" (1.75) or better, is required for the major.
 - Complete at least 1 courses from the following:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)
 - BSC 2010C - Biology I (4), with a grade of "C-" (1.75) or better, is required for the major.

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

CPP

11 Total Credits

- Complete all of the following
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information. A grade of "C-" (1.75) or better is required. PHY 2053C - College Physics I (4) is required and may be completed in the GEP.
 - Complete the following:
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHM2046 - Chemistry Fundamentals II (3)
 - CHM2046L - Chemistry Fundamentals Laboratory (1)
 - EDF2005 - Introduction to the Teaching Profession (3)

Grand Total Credits: **11**

Degree Requirements

Core Requirements: Basic Level

6 Total Credits

- Complete all of the following
 - A grade of "C-" (1.75) or better is required. Transfer Notes: Courses taken at Florida College System institutions may substitute for select courses in this section with the permission of the

department. BSC 2010C - Biology I (4) and MAC 1114C - College Trigonometry (3) are required for the major and may be completed in the GEP.

- Complete the following:
 - EDG2000 - Careers in K-12 Education (3)
- Complete at least 1 of the following:
 - EDF2130 - Child and Adolescent Development for Educators (3)
 - EDP2270 - Adult Development & Learning (3)

Core Requirements: Advanced Level

24 Total Credits

- Complete all of the following
 - A grade of "C-" (1.75) or better is required. Students must apply and be approved to take EDG 4942. Applications should be submitted in the semester prior to taking this course. For further information regarding EDG 4942, students should meet with their academic advisor.
 - Complete the following:
 - EDF4467 - Learning Theory and Assessment (3)
 - EDF4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools (3)
 - EDG4410 - Teaching Strategies and Classroom Management (3)
 - EEX4242 - Teaching Exceptional Students in Secondary Settings (3)
 - RED4043 - Content Reading in Kindergarten through Grade 12 (3)
 - TSL4080 - Theory and Practice of Teaching ESOL Students in Schools (3)
 - SCE4361 - Programs in Teaching Science (3)
 - EDG4942 - Lifelong Learning Education Internship (3)

Lifelong Learning Track Specialization Requirements

41 Total Credits

- Complete all of the following
 - Select preferred specialization courses with advisor approval. A minimum of nine (9) hours must be taken in the content area. Substitutions are allowed with advisor approval. A minimum of nine (9) hours must be taken in the content area. A minimum of twelve (12) hours must be taken in Education coursework (prefix EDF, EDG, EEX, SCE, TSL, RED). Substitutions are allowed with advisor approval. A grade of "C-"(1.75) or better is required. Must have a total of 42 or more hours of upper level courses to graduate.
 - Earn at least 41 credits from the following:
 - SCE4360 - Science Instructional Analysis (4)
 - SCE4633 - Secondary Science Curriculum (3)
 - SCE4933 - Seminar on Secondary Science Education (3)
 - BCH4053 - Biochemistry I (3)
 - CHM2210 - Organic Chemistry I (3)
 - CHM2211 - Organic Chemistry II (3)
 - CHM2211L - Organic Laboratory Techniques I (2)
 - CHM3120 - Analytical Chemistry (3)
 - CHM3120L - Analytical Chemistry Laboratory (1)
 - EDG4941 - Directed Field Experience (1 - 8)
 - EDG4948 - Service Learning (3)
 - CCJ4651 - Drugs and Crime (3)
 - CCJ4670 - Women and Crime (3)
 - CCJ3024 - Criminal Justice System (3)
 - CJE3001 - Careers in Criminal Justice (4)
 - CJE3444 - Crime Prevention (3)
 - DIG2000 - Introduction to Digital Media (3)
 - DEP2004 - Developmental Psychology (3)
 - Course Not Found
 - DEP3464 - Psychology of Aging (3)
 - EXP3250 - Principles of Human Factors Psychology (3)
 - EAB3703 - Principles of Behavior Modification (3)
 - ECT4184 - Curriculum Development Techniques for Industry Training (3)
 - HFT1000 - Introduction to the Hospitality and Tourism Industry (3)
 - HFT2750 - The Event Industry (3)
 - HIM3006 - Foundations of Health Information Management (HIM) (3)
 - HSA4003 - The Patient Experience from an Administrator's Perspective (3)

- HSC3537 - Medical Terminology (3)
- PLA3014 - Law and the Legal System (3)
- PLA3108 - Legal Research (3)
- PLA3155 - Legal Writing (3)
- PLA3306 - Criminal Law (3)
- PLA3951H - Honors Moot Court (3)
- PLA4020 - Law and Society (3)
- SPC3445 - Leadership Through Oral Communication (3)
- SPC4331 - Nonverbal Communication (3)

Grand Total Credits: **71**

Program Details

Restricted Electives

- None

Capstone Requirements

- None

Electives

- None

Foreign Language Requirements

Admissions

- State University System foreign language admission requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- Achieve a minimum 2.5 GPA in all courses within the major.
- Achieve a minimum 2.5 GPA in the education core coursework.
- Achieve a minimum 2.5 GPA in the specialization coursework.
- Achieve a minimum overall 2.5 GPA
- You must upload key assignments using the Watermark platform. Key assignments are assessed by faculty to provide evidence of candidate proficiency in all Florida Educator Accomplished Practices (FEAPs). All teacher education candidates, Lifelong Learning majors, and Early Childhood Development & Education majors (all ECDE tracks) are required to complete Watermark requirements before being certified for graduation. See <https://edcollege.ucf.edu/students/explore-livertext/>

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- None

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are

located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$12 per term
- Full-Time Student: \$24 per term

Secondary Education, Science Education Chemistry Track (B.S.)

College

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Major

Program Description

**College of Community Innovation and Education
School of Teacher Education
Secondary Education Program
Education Building & Gym (ED), 209**

Associate Professor (Education Track Contact): Dr. Su Gao
Education Building & Gym (ED), 115F
407-823-4834
Su.Gao@ucf.edu

The Secondary Education B.S. - Science Education Chemistry program offers students the option of two tracks: Science Education - Chemistry Track and Science Education - Chemistry Lifelong Learning Track (non-certification). The Education Track is appropriate for students interested in opportunities for employment with formal, 6-12 schools that require certification.

This Secondary Education B.S. - Science Education Chemistry program has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit <https://apq.ucf.edu/files/Licensure-Disclosure-CCIE-Secondary-Ed-BS.pdf>

Admission Requirements

- Complete the University General Education requirements or its equivalent, i.e. an AA degree from a Florida College System or State University System institution.
- Complete the EDF 2005 Introduction to Teaching Profession course with a minimum letter grade of "C-" (1.75) or better.
- Meet the Gordon Rule Requirement.
- Meet Foreign Language Admission Requirement.
- Have a minimum 2.5 overall GPA
- Pass all four parts of the General Knowledge Test (no alternatives or waivers are accepted).

Degree Requirements

- Students should see an advisor prior to registering for classes
- The courses designated in 1 (UCF General Education Program) and 2 (Education Common Program Prerequisites) should be completed prior to admission to the major and upper division education courses
- The Education Track is a state-approved, initial teacher preparation program designed in compliance with Florida Statutes and State Board of Education Rule 6A-5.066. Degree requirements are subject to change based on state mandates.

General Education (GEP)

Communication Foundations

9 Total Credits

- Complete all of the following
 - Note: Students are advised to take the preferred courses.
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Preferred: SPC 1608 - Fundamentals of Oral Communication (3)

Cultural & Historical Foundations

6 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - GEP 6: Take one additional course from either Cultural and Historical Foundation, Area 1 or 2. Consider that some courses also partially satisfy the Gordon Rule requirement. Preferred: MUL 2010 - Enjoyment of Music (3), THE 2000 - Theatre Survey (3), or PHI 2010 - Introduction to Philosophy (3)

Mathematical Foundations

6 - 7 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - MAC 1114C - College Trigonometry (3) is required for the major.
 - Complete at least 1 courses from the following:

GEP 8- Mathematical Foundations

- CGS2100C - Computer Fundamentals for Business (3)
- COP2500C - Concepts in Computer Science (3)
- COP3502C - Computer Science I (3)
- COT3100C - Introduction to Discrete Structures (3)
- STA2014 - Principles of Statistics (3)
- STA2023 - Statistical Methods I (3)
- STA3032 - Probability and Statistics for Engineers (3)
- CGS1060C - Introduction to Computers (3)
- Preferred: STA 2014 - Principles of Statistics (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - Preferred: PSY 2012 - General Psychology (3)
 - Complete at least 1 courses from the following:
GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
 - Preferred: POS 2041 - American National Government (3)

Science Foundations

6 - 8 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - PHY 2053C - College Physics I (4), with a grade of "C-" (1.75) or better, is required for the major.
 - Complete at least 1 courses from the following:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)
 - BSC 2010C - Biology I (4), with a grade of "C-" (1.75) or better, is required for the major.

Grand Total Credits: **33 - 36**

Common Program Prerequisites (CPP) (If applicable)

CPP

11 Total Credits

- Complete all of the following
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information. A grade of "C-" (1.75) or better is required. PHY 2053C - College Physics I (4) is required for the major and may be completed in the GEP.
 - Complete the following:
 - EDF2005 - Introduction to the Teaching Profession (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHM2046 - Chemistry Fundamentals II (3)
 - CHM2046L - Chemistry Fundamentals Laboratory (1)

Grand Total Credits: **11**

Degree Requirements

Core Requirements: Basic Level

3 Total Credits

- Complete all of the following
 - A grade of "C-" (1.75) or better is required. Transfer Notes: Courses taken at Florida College System institutions may substitute for select courses in this section with the permission of the department. MAC 1114C - College Trigonometry (3) is required for the major and may be completed in the GEP
 - Complete the following:
 - EDF2130 - Child and Adolescent Development for Educators (3)

Core Requirements: Advanced Level

0 Total Credits

- A grade of "C-" (1.75) or better is required.

Education Core Requirements

18 Total Credits

- Complete all of the following
 - EDG 4410 - Teaching Strategies and Classroom Management (3) and TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools (3) are prerequisites to Internship I.
 - Complete the following:
 - EDF4467 - Learning Theory and Assessment (3)
 - EDF4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools (3)
 - EDG4410 - Teaching Strategies and Classroom Management (3)
 - EEX4242 - Teaching Exceptional Students in Secondary Settings (3)
 - RED4043 - Content Reading in Kindergarten through Grade 12 (3)
 - TSL4080 - Theory and Practice of Teaching ESOL Students in Schools (3)

Education Track Specialization Requirements

31 Total Credits

- Complete all of the following
 - BSC 2010C - Biology I (4) and PHY 2053C - College Physics I (4) are prerequisites for Internship I and may be completed in the GEP. CHM 2045C - Chemistry Fundamentals I (4), CHM 2046 - Chemistry Fundamentals II (3), and CHM 2046L - Chemistry Fundamentals Laboratory (1) are prerequisites for Internship I and should be completed in the CPP. SCE 4361 - Programs in Teaching Science (3), SCE 4633 - Secondary Science Curriculum (3), and SCE 4933 - Seminar on Secondary Science Education (3) are recommended prior to Internship I.
 - Complete the following:
 - CHM3120 - Analytical Chemistry (3)
 - CHM3120L - Analytical Chemistry Laboratory (1)
 - CHM2210 - Organic Chemistry I (3)
 - CHM2211 - Organic Chemistry II (3)
 - CHM2211L - Organic Laboratory Techniques I (2)

- BCH4053 - Biochemistry I (3)
- SCE4361 - Programs in Teaching Science (3)
- SCE4633 - Secondary Science Curriculum (3)
- SCE4933 - Seminar on Secondary Science Education (3)
- Earn at least 7 credits from the following types of courses:
3000/4000 level CHS or CHM Elective (3) 3000/4000 level elective approved by advisor (4)

Internship I Block

7 Total Credits

- Complete all of the following
 - Program Internship I Prerequisites: EDG 4410, TSL 4080, all Common Program Prerequisites, all Core Requirements: Basic Level, and at least 50% of all required specialization courses must be completed prior to Internship I with a minimum grade of "C-" (1.75) or better. However, a minimum GPA of 2.5 is required in the education core, specialization and overall for admission to Internship I. It is strongly recommended that SCE 4361, SCE 4633 and SCE 4933 are taken prior to Internship I. Passing score on the General Knowledge Test portion of the Florida Teacher Certification Examination (FTCE) is recommended before entry into Internship I. Passing score on the Professional Education Test portion of the Florida Teacher Certification Examination (FTCE) is strongly recommended as soon as possible after completing the following courses: EDG 4410, EDF 4467, RED 4043, and TSL 4080. Students must apply and be approved for Internship I. Deadline dates and placement application are available through the Office of Clinical & Field Experiences at <https://ccie.ucf.edu/clinicaexp/>. A fee may be required as part of the placement application process.
 - Complete the following:
 - SCE4360 - Science Instructional Analysis (4)
 - Earn at least 3 credits from the following types of courses:
SCE 3940 - Internship
 - Strongly recommended to complete SCE 3940 and SCE 4360 concurrently in the fall semester. For students completing SCE 3940 in fall semester, SCE 4360 will be taken as a co-requisite. For students completing SCE 3940 in spring semester, SCE 4360 will be taken as a pre-requisite in the fall semester prior to internship.

Internship II Block

12 Total Credits

- Complete all of the following
 - At least 80% of all required specialization courses and all education/methods courses must be completed with a letter grade of "C-" (1.75) or better before admission into Internship II. However, a minimum GPA of 2.5 is required in the education core, specialization and overall for admission into Internship II. Passing scores on all sections [General Knowledge, Professional, and Subject Area (Chemistry 6-12)] of the Florida Teacher Certification Examination (FTCE) are required prior to entry into Internship II. Students must apply and be approved for Internship II. Deadline dates and placement application are available through the Office of Clinical & Field Experiences at <https://ccie.ucf.edu/clinicaexp/>. A fee may be required as part of the placement application process. Satisfactory completion of Internship II requires the student to demonstrate proficiency in all Florida Educator Accomplished Practices in accordance with State Board of Education Rule 6A-5.066.
 - Complete the following:
 - ESE4033C - Critical Issues and Trends in Secondary Education (3)
 - Earn at least 9 credits from the following types of courses:
SCE 4941 - Internship

Grand Total Credits: **71**

Program Details

Restricted Electives

- None

Capstone Requirements

- None

Electives

- None

Foreign Language Requirements

Admissions

- State University System foreign language admission requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- Achieve a minimum 2.5 GPA in all courses within the major.
- Achieve a minimum 2.5 GPA in the education core coursework.
- Achieve a minimum 2.5 GPA in the specialization coursework.
- Achieve a minimum overall 2.5 GPA
- You must upload key assignments using the Watermark platform. Key assignments are assessed by faculty to provide evidence of candidate proficiency in all Florida Educator Accomplished Practices (FEAPs). All teacher education candidates, Lifelong Learning majors, and Early Childhood Development & Education majors (all ECDE tracks) are required to complete Watermark requirements before being certified for graduation. See <https://ccie.ucf.edu/explore-via/>

Education Track

- Pass all applicable sections of the Florida Teacher Certification Examination. See <http://www.fldoe.org> for

test dates and test sites. Effective January 1, 2015, only examination results earned by educators within 10 years prior to the date of application for a new Florida Educator's Certificate with the Florida Department of Education may be acceptable for certification eligibility requirements (SBE Rule 6A-4.002)

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- None

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alac/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$12 per term
- Full-Time Student: \$24 per term

Secondary Education, Science Education Physics - Lifelong Learning Track (B.S.)

College

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Major

Program Description

**College of Community Innovation and Education
School of Teacher Education
Secondary Education Program
Education Building & Gym (ED), 209**

***Senior Lecturer & Secondary Education Academic Program Coordinator (Lifelong Learning Track):
Dr. Janet Andreasen***

Education Building & Gym (ED), 123H
Janet.Andreasen@ucf.edu

The Secondary Education B.S. - Science Education Physics - Lifelong Learning Track (non-certification) program is specifically focused on students who wish to use their knowledge of Science Education Physics to pursue educational careers outside of traditional schools. The Lifelong Learning Track prepares graduates for employment in a broad spectrum of professional opportunities including non-profits and non-traditional educational agencies. The Lifelong Learning Track is appropriate for students seeking opportunities for employment outside formal, K-12 schools that do not require certification.

Admission Requirements

- Complete the University General Education requirements or its equivalent, i.e. an AA degree from a Florida College System or State University System institution.
- Complete the EDF 2005 Introduction to Teaching Profession course with a minimum letter grade of "C-" (1.75) or better.
- Meet the Gordon Rule Requirement.
- Meet Foreign Language Admission Requirement.
- Have a minimum 2.5 overall GPA
- Students should see an advisor prior to registering for classes

The courses designated in 1 (UCF General Education Program) and 2 (Education Common Program Prerequisites) should be completed prior to admission to the major and upper division education courses.

General Education (GEP)

Communication Foundations
9 Total Credits

- Complete all of the following
 - Students are advised to take the preferred courses.
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Preferred: SPC 1608 - Fundamentals of Oral Communication (3)

Cultural & Historical Foundations

9 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - Earn at least 3 credits from the following types of courses:
GEP 6: Take one additional course from either Cultural and Historical Foundation, Area 1 or 2. Consider that some courses also partially satisfy the Gordon Rule requirement. Preferred: MUL 2010 - Enjoyment of Music (3), THE 2000 - Theatre Survey (3), or PHI 2010 - Introduction to Philosophy (3)

Mathematical Foundations

6 - 7 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - MAC 2311C - Calculus with Analytic Geometry I (4) is required for the major.
 - Complete at least 1 courses from the following:
GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)
 - Preferred: STA 2014 - Principles of Statistics (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - Preferred: PSY 2012 - General Psychology (3)
 - Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
 - Preferred: POS 2041 - American National Government (3)

Science Foundations

6 - 8 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - PHY 2048C - General Physics Using Calculus I (4) with a grade of "C-" (1.75) or better, is required for the major
 - Complete at least 1 courses from the following:
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)
 - Preferred: ANT 2511 - The Human Species (3) or BSC 1005 - Biological Principles (3) with a grade of "C-" (1.75) or better.

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

CPP

23 Total Credits

- Complete all of the following
 - See "Common Prerequisites" in the Transfer and Transition Services section for more information. A grade of "C-" (1.75) or better is required. MAC 2311C - Calculus with Analytic Geometry I (4) and PHY 2048C - General Physics Using Calculus I (4) are required for the major and may be completed in the GEP.
 - Complete the following:
 - EDF2005 - Introduction to the Teaching Profession (3)
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - MAC2313 - Calculus with Analytic Geometry III (4)
 - PHY2049C - General Physics Using Calculus II Studio (4)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHM2046 - Chemistry Fundamentals II (3)
 - CHM2046L - Chemistry Fundamentals Laboratory (1)

Grand Total Credits: **23**

Degree Requirements

Core Requirements: Basic Level

6 Total Credits

- Complete all of the following
 - Complete the following:
 - EDG2000 - Careers in K-12 Education (3)
 - Complete at least 1 of the following:
 - EDF2130 - Child and Adolescent Development for Educators (3)
 - EDP2270 - Adult Development & Learning (3)

Core Requirements: Advanced Level

0 Total Credits

- A grade of "C" (1.75) or better is required.

Education Core Requirements

24 Total Credits

- Complete all of the following
 - Students must apply and be approved to take EDG 4942. Applications should be submitted in the semester prior to taking this course. For further information regarding EDG 4942, students should meet with their academic advisor.
 - Complete the following:
 - EDF4467 - Learning Theory and Assessment (3)
 - EDF4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools (3)
 - EDG4410 - Teaching Strategies and Classroom Management (3)
 - EEX4242 - Teaching Exceptional Students in Secondary Settings (3)
 - RED4043 - Content Reading in Kindergarten through Grade 12 (3)
 - TSL4080 - Theory and Practice of Teaching ESOL Students in Schools (3)
 - SCE4361 - Programs in Teaching Science (3)
 - EDG4942 - Lifelong Learning Education Internship (3)

Lifelong Learning Specialization Requirements

29 Total Credits

- Complete all of the following
 - Select preferred specialization courses with advisor approval. A minimum of nine (9) hours must be taken in the content area. A minimum of twelve (12) hours must be taken in Education coursework (prefix EDF, EDG, EEX, SCE, TSL, RED). Substitutions are allowed with advisor approval. A grade of "C-"(1.75) or better is required. Must have a total of 42 or more hours of upper level courses to graduate.
 - Earn at least 29 credits from the following:

- SCE4633 - Secondary Science Curriculum (3)
- SCE4933 - Seminar on Secondary Science Education (3)
- PHY3101 - General Physics Using Calculus III (3)
- PHY3752C - Physics of Scientific Instruments (3)
- PHY3722C - Physics Laboratory-Electronics (3)
- EDG4941 - Directed Field Experience (1 - 8)
- EDG4948 - Service Learning (3)
- CCJ3024 - Criminal Justice System (3)
- CCJ4651 - Drugs and Crime (3)
- CCJ4670 - Women and Crime (3)
- CJE3001 - Careers in Criminal Justice (4)
- CJE3444 - Crime Prevention (3)
- DEP2004 - Developmental Psychology (3)
- Course Not Found
- DEP3464 - Psychology of Aging (3)
- DIG2000 - Introduction to Digital Media (3)
- EAB3703 - Principles of Behavior Modification (3)
- ECT4184 - Curriculum Development Techniques for Industry Training (3)
- EXP3250 - Principles of Human Factors Psychology (3)
- EXP3604 - Cognitive Psychology (3)
- HFT1000 - Introduction to the Hospitality and Tourism Industry (3)
- HFT2750 - The Event Industry (3)
- HIM3006 - Foundations of Health Information Management (HIM) (3)
- HSA4003 - The Patient Experience from an Administrator's Perspective (3)
- HSC3537 - Medical Terminology (3)
- PLA3014 - Law and the Legal System (3)
- PLA3108 - Legal Research (3)
- PLA3155 - Legal Writing (3)
- PLA3306 - Criminal Law (3)
- PLA3951H - Honors Moot Court (3)
- PLA4020 - Law and Society (3)
- SPC3445 - Leadership Through Oral Communication (3)
- SPC4331 - Nonverbal Communication (3)

Grand Total Credits: **59**

Program Details

Restricted Electives

- None

Capstone Requirements

- None

Electives

- None

Foreign Language Requirements

Admissions

- State University System foreign language admission requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- Achieve a minimum 2.5 GPA in all courses within the major.
- Achieve a minimum 2.5 GPA in the specialization coursework.
- Achieve a minimum 2.5 GPA in the education core coursework.
- Achieve a minimum overall 2.5 GPA
- You must upload key assignments using the Watermark platform. Key assignments are assessed by faculty to provide evidence of candidate proficiency in all Florida Educator Accomplished Practices (FEAPs). All teacher education candidates, Lifelong Learning majors, and Early Childhood Development & Education majors (all ECDE tracks) are required to complete Watermark requirements before being certified for graduation. See <https://edcollege.ucf.edu/students/explore-livertext/>

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- None

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$12 per term
- Full-Time Student: \$24 per term

Secondary Education, Science Education Physics Track (B.S.)

College

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Major

Program Description

**College of Community Innovation and Education
School of Teacher Education
Secondary Education Program
Education Building & Gym (ED), 209**

Assistant Professor (Education Track Contact): Dr. Su Gao

Education Building & Gym (ED), 115F

407-823-4834

Su.Gao@ucf.edu

The Secondary Education B.S. - Science Education Physics program offers students the option of two tracks: Science Education - Physics Track and Science Education - Physics Lifelong Learning Track (non-certification). The Education Track is appropriate for students interested in opportunities for employment in formal, 6-12 schools that require certification.

This Secondary Education B.S. - Science Education Physics program has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit <https://apq.ucf.edu/files/Licensure-Disclosure-CCIE-Secondary-Ed-BS.pdf>

Admission Requirements

- Complete the University General Education requirements or its equivalent, i.e. an AA degree from a Florida College System or State University System institution.
- Complete the EDF 2005 - Introduction to the Teaching Profession course with a minimum letter grade of "C-" (1.75) or better.
- Meet the Gordon Rule Requirement
- Meet Foreign Language Admission Requirement
- Have a minimum 2.5 overall GPA
- Pass all four parts of the General Knowledge Test (no alternatives or waivers are accepted).

Degree Requirements

- Students should see an advisor prior to registering for classes
- The courses designated in 1 (UCF General Education Program) and 2 (Education Common Program Prerequisites) should be completed prior to admission to the major and upper division education courses
- The Education Track is a state-approved, initial teacher preparation program designed in compliance with Florida Statutes and State Board of Education Rule 6A-5.066. Degree requirement are subject to change based on state mandates.

General Education (GEP)

Communication Foundations

9 Total Credits

- Complete all of the following
 - Students are advised to take the preferred courses.
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Preferred: SPC 1608 - Fundamentals of Oral Communication (3)

Cultural & Historical Foundations

9 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)

- EUH2001 - Western Civilization II (3)
- HUM2020 - Encountering the Humanities (3)
- HUM2210 - Studies in Culture: Ancient to 17th Century (3)
- HUM2230 - Studies in Culture: 17th Century to Present (3)
- WOH2012 - World Civilization I (3)
- WOH2022 - World Civilization II (3)
- Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Earn at least 3 credits from the following types of courses:
GEP 6: Take one additional course from either Cultural and Historical Foundation, Area 1 or 2.
Consider that some courses also partially satisfy the Gordon Rule requirement. Preferred: MUL 2010 - Enjoyment of Music (3), THE 2000 - Theatre Survey (3), or PHI 2010 - Introduction to Philosophy (3)

Mathematical Foundations

6 - 7 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - MAC 2311C - Calculus with Analytic Geometry I (4) is required for the major.
 - Complete at least 1 courses from the following:
GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)
 - Preferred: STA 2014 - Principles of Statistics (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)

- Preferred: PSY 2012 - General Psychology (3)
- Complete at least 1 courses from the following:
GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
- Preferred: POS 2041 - American National Government (3)

Science Foundations

6 - 8 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - PHY 2048C - General Physics Using Calculus I (4), with a grade of "C-" (1.75) or better is required
 - Complete at least 1 courses from the following:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)
 - Preferred: ANT 2511 - The Human Species (3) or BSC 1005 - Biological Principles (3) (grade of "C-" (1.75) or better is required)

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

CPP

23 Total Credits

- Complete all of the following
 - See "Common Prerequisites" in the Transfer and Transition Services section for more information. A grade of "C-" (1.75) or better is required. MAC 2311C - Calculus with Analytic Geometry I (4) and PHY 2048C - General Physics Using Calculus I (4) are required for the major and may be completed in the GEP.
 - Complete the following:
 - EDF2005 - Introduction to the Teaching Profession (3)
 - MAC2312H - Honors Calculus with Analytic Geometry II (4)
 - MAC2313 - Calculus with Analytic Geometry III (4)
 - PHY2049C - General Physics Using Calculus II Studio (4)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHM2046 - Chemistry Fundamentals II (3)
 - CHM2046L - Chemistry Fundamentals Laboratory (1)

Grand Total Credits: **23**

Degree Requirements

Core Requirements: Basic Level

3 Total Credits

- Complete all of the following
 - Prerequisite to Internship I. Courses taken at Florida College System institutions may substitute for select courses in Other Program Requirements with the permission of the department.
 - Complete the following:
 - EDF2130 - Child and Adolescent Development for Educators (3)

Core Requirements: Advanced Level

0 Total Credits

- A grade of "C" (1.75) or better is required.

Education Core Requirements

18 Total Credits

- Complete all of the following
 - EDG 4410 - Teaching Strategies and Classroom Management (3) and TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools (3) are prerequisites to Internship I.
 - Complete the following:
 - EDF4467 - Learning Theory and Assessment (3)
 - EDF4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools (3)
 - EDG4410 - Teaching Strategies and Classroom Management (3)
 - EEX4242 - Teaching Exceptional Students in Secondary Settings (3)
 - RED4043 - Content Reading in Kindergarten through Grade 12 (3)
 - TSL4080 - Theory and Practice of Teaching ESOL Students in Schools (3)

Education Track Specialization Requirements

19 Total Credits

- Complete all of the following
 - A grade of "C-" (1.75) or better is required. MAC 2311C - Calculus with Analytic Geometry I (4) and PHY 2048C - General Physics Using Calculus I (4) are prerequisites to Internship I and may be completed in the GEP. CHM 2045C - Chemistry Fundamentals I (4), CHM 2046 - Chemistry Fundamentals II (3), CHM 2046L - Chemistry Fundamentals Laboratory (1), MAC 2312 - Calculus with Analytic Geometry II (4), MAC 2313 - Calculus with Analytic Geometry III (4), and PHY 2049C - General Physics Using Calculus II (4) are prerequisites for Internship I and are completed in the CPP. SCE 4361 - Programs in Teaching Science Credit Hours: 3, SCE 4633 - Secondary Science Curriculum (3), SCE 4933 - Seminar on Secondary Science Education (3) are strongly recommended prior to Internship I.
 - Complete the following:
 - PHY3101 - General Physics Using Calculus III (3)
 - SCE4361 - Programs in Teaching Science (3)
 - SCE4633 - Secondary Science Curriculum (3)
 - SCE4933 - Seminar on Secondary Science Education (3)
 - Earn at least 4 credits from the following types of courses:
Elective: 3000 or 4000 level PHY or PHZ prefix
 - Complete at least 1 of the following:
 - PHY3722C - Physics Laboratory-Electronics (3)
 - PHY3752C - Physics of Scientific Instruments (3)

Internship I Block

7 Total Credits

- Complete all of the following
 - Program Internship I Prerequisites: EDG 4410, TSL 4080, all Common Program Prerequisites, all Core Requirements: Basic Level, and at least 50% of all required specialization courses must be completed prior to Internship I with a minimum grade of "C-" (1.75) or better. However, a minimum GPA of 2.5 is required in the education core, specialization and overall for admission into Internship I. It is strongly recommended that SCE 4361, SCE 4633, and SCE 4933 are taken prior to Internship I. Passing score on the General Knowledge Test portion of the Florida Teacher Certification Examination (FTCE) is recommended before entry into Internship I. Passing score on the Professional Education Test portion of the Florida Teacher Certification Examination (FTCE) is

strongly recommended as soon as possible after completing the following courses: EDG 4410, EDF 4467, RED 4043, and TSL 4080. Students must apply and be approved for Internship I. Deadline dates and placement application are available through the Office of Clinical & Field Experiences at <https://ccie.ucf.edu/clinicalexp/>. A fee may be required as part of the placement application process.

- Complete the following:
 - SCE4360 - Science Instructional Analysis (4)
- Earn at least 3 credits from the following types of courses:
SCE 3940 - Internship
- o Strongly recommended to complete SCE 3940 and SCE 4360 concurrently in the fall semester. For students completing SCE 3940 in fall semester, SCE 4360 will be taken as a co-requisite. For students completing SCE 3940 in spring semester, SCE 4360 will be taken as a pre-requisite in the fall semester prior to internship.

Internship II Block

12 Total Credits

- Complete all of the following
 - At least 80% of all required specialization courses and all education/methods courses must be completed with a letter grade of "C-" (1.75) or better before admission into Internship II. However, a minimum GPA of 2.5 is required in the education core, specialization and overall for admission into Internship II. Passing scores on all sections [General Knowledge, Professional, and Subject Area (Physics 6-12) of the Florida Teacher Certification Examination (FTCE) is required prior to entry into Internship II. Students must apply and be approved for Internship II. Deadline dates and placement application are available through the Office of Clinical & Field Experiences at <https://ccie.ucf.edu/clinicalexp/>. A fee may be required as part of the placement application process. Satisfactory completion of Internship II requires the student to demonstrate proficiency in all Florida Educator Accomplished Practices in accordance with State Board of Education Rule 6A-5.006.
 - Complete the following:
 - ESE4033C - Critical Issues and Trends in Secondary Education (3)
 - Earn at least 9 credits from the following types of courses:
SCE 4941 - Internship

Grand Total Credits: **59**

Program Details

Restricted Electives

- None

Capstone Requirements

- None

Electives

- None

Foreign Language Requirements

Admissions

- State University System foreign language admission requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- Achieve a minimum 2.5 GPA in all courses within the major.
- Achieve a minimum 2.5 GPA in the specialization coursework.
- Achieve a minimum 2.5 GPA in the education core coursework.
- Achieve a minimum overall 2.5 GPA
- You must upload key assignments using the Watermark platform. Key assignments are assessed by faculty to provide evidence of candidate proficiency in all Florida Educator Accomplished Practices (FEAPs); All teacher education candidates, Lifelong Learning majors, and Early Childhood Development & Education majors (all ECDE tracks) are required to complete Watermark requirements before being certified for graduation. See <https://ccie.ucf.edu/explore-via/>

Education Track

- Pass all applicable sections of the Florida Teacher Certification Examination. See <http://www.fldoe.org> for test dates and test sites. Effective January 1, 2015, only examination results earned by educators within 10 years prior to the date of application for a new Florida Educator's Certificate with the Florida Department of Education may be acceptable for certification eligibility requirements (SBE Rule 6A-4.002)

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- None

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$12 per term
- Full-Time Student: \$24 per term

Secondary Education, Social Science Education - Lifelong Learning Track (B.S.)

College

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Major

Program Description

**College of Community Innovation and Education
School of Teacher Education
Secondary Education Program
Education Building & Gym (ED), 209**

Senior Lecturer & Secondary Education Academic Program Coordinator (Lifelong Learning Track):

Dr. Janet Andreasen

Education Building & Gym (ED), 123H

Janet.Andreasen@ucf.edu

The Secondary Education B.S. - Social Science Education - Lifelong Learning Track (non-certification) program is specifically focused on students who wish to use their knowledge of Social Science Education to pursue educational careers outside of traditional schools. The Lifelong Learning Track prepares graduates for employment in a broad spectrum of professional opportunities including non-profits and non-traditional educational agencies. The Lifelong Learning Track is appropriate for students seeking opportunities for employment outside formal, K-12 schools that do not require certification.

Admission Requirements

- Complete the University General Education requirements or its equivalent, i.e. an AA degree from a Florida College System or State University System institution.
- Complete the EDF 2005 - Introduction to the Teaching Profession course with a minimum letter grade of "C-" (1.75) or better.
- Meet the Gordon Rule Requirement.
- Meet the foreign language admission requirement
- Have a minimum 2.5 overall GPA

Degree Requirements

- Students should see an advisor prior to registering for classes
- The courses designated in General Education and Education Common Program Prerequisites should be completed prior to admission to the major and upper division education courses.

General Education (GEP)

Communication Foundations

9 Total Credits

- Complete all of the following
 - Students are advised to take preferred courses.
 - Complete all courses from the following:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Preferred: SPC 1608 - Fundamentals of Oral Communication (3)

Cultural & Historical Foundations

9 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)

- HUM2020 - Encountering the Humanities (3)
- HUM2210 - Studies in Culture: Ancient to 17th Century (3)
- HUM2230 - Studies in Culture: 17th Century to Present (3)
- WOH2012 - World Civilization I (3)
- WOH2022 - World Civilization II (3)
- Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Earn at least 3 credits from the following types of courses:
GEP 6: Take one additional course from either Cultural and Historical Foundation, Area 1 or 2. Consider that some courses also partially satisfy the Gordon Rule requirement. AMH 2010 - U.S. History: 1492-1877 (3), EUH 2000 - Western Civilization I (3), and PHI 2010 - Introduction to Philosophy (3) are required for the major.

Mathematical Foundations

6 - 7 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - Preferred: MGF 1106 - Finite Mathematics (3)
 - Complete at least 1 courses from the following:
GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)
 - Preferred: STA 2014 - Principles of Statistics (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - PSY 2012 - General Psychology (3) is required for the major.

- Complete at least 1 courses from the following:
GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
- POS 2041 - American National Government (3) is required for the major.

Science Foundations

6 - 8 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - GEO 1200 - Physical Geography (3) is required for the major
 - Complete at least 1 courses from the following:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)
 - Preferred: PHY 2020 - Concepts of Physics (3) or AST 2002 - Astronomy (3)

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

CPP

6 Total Credits

- Complete all of the following
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information. A grade of "C-" (1.75) or better is required. AMH 2010 - U.S. History: 1492-1877 (3), POS 2041 - American National Government (3), and PSY 2012 - General Psychology (3) are required for the major and may be completed in the GEP.
 - Complete the following:
 - EDF2005 - Introduction to the Teaching Profession (3)
 - AMH2020 - U.S. History: 1877-Present (3)

Grand Total Credits: **6**

Degree Requirements

Core Requirements: Basic Level

12 Total Credits

- Complete all of the following
 - A grade of "C-" (1.75) or better is required. Courses taken at Florida College System institutions may substitute for select courses in Other Program Requirements with the permission of the department. EUH 2000 - Western Civilization I (3), PHI 2010 - Introduction to Philosophy (3), and

GEO 1200 - Physical Geography (3) are required and may be completed in the GEP.

- Complete the following:
 - SYG2000 - Introduction to Sociology (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - EDG2000 - Careers in K-12 Education (3)
- Complete at least 1 of the following:
 - EDF2130 - Child and Adolescent Development for Educators (3)
 - EDP2270 - Adult Development & Learning (3)

Core Requirements: Advanced Level

0 Total Credits

- A grade of "C-" (1.75) or better is required

Education Core Requirements

24 Total Credits

- Complete all of the following
 - Students must apply and be approved to take EDG 4942. Applications should be submitted in the semester prior to taking this course. For further information regarding EDG 4942, students should meet with their academic advisor.
 - Complete the following:
 - EDG4410 - Teaching Strategies and Classroom Management (3)
 - EDF4467 - Learning Theory and Assessment (3)
 - EDF4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools (3)
 - TSL4080 - Theory and Practice of Teaching ESOL Students in Schools (3)
 - EEX4242 - Teaching Exceptional Students in Secondary Settings (3)
 - RED4043 - Content Reading in Kindergarten through Grade 12 (3)
 - SSE4936 - Programs in Teaching Social Science (3)
 - EDG4942 - Lifelong Learning Education Internship (3)

Lifelong Learning Track Specialization Requirements

42 Total Credits

- Complete all of the following
 - Select preferred specialization courses with advisor approval. A minimum of nine (9) hours must be taken in the content area. A minimum of twelve (12) hours must be taken in Education coursework (prefix EDF, EDG, EEX, SSE, TSL, RED). Substitutions are allowed with advisor approval. May take 3000/4000 level courses with prefix AFH, AMH, ASH, CPO, GEO, HUM, INR, LAH, POS or SSE. A grade of "C-" (1.75) or better is required. Must have a total of 42 or more hours of upper level courses to graduate.
 - Earn at least 42 credits from the following:
 - SSE4042 - Teaching Social Science as a Profession (3)
 - SSE4323 - Teaching Civics in Florida (3)
 - SSE4395 - Teaching with Primary Sources (3)
 - SSE4632 - Contemporary Social Science Education (3)
 - ECO2023 - Principles of Microeconomics (3)
 - EUH2001 - Western Civilization II (3)
 - EDG4941 - Directed Field Experience (1 - 8)
 - EDG4948 - Service Learning (3)
 - CCJ3024 - Criminal Justice System (3)
 - CCJ4651 - Drugs and Crime (3)
 - CCJ4670 - Women and Crime (3)
 - CJE3001 - Careers in Criminal Justice (4)
 - CJE3444 - Crime Prevention (3)
 - DEP2004 - Developmental Psychology (3)
 - DEP3464 - Psychology of Aging (3)
 - Course Not Found
 - DIG2000 - Introduction to Digital Media (3)
 - EAB3703 - Principles of Behavior Modification (3)
 - ECT4184 - Curriculum Development Techniques for Industry Training (3)
 - EXP3250 - Principles of Human Factors Psychology (3)
 - EXP3604 - Cognitive Psychology (3)

- HIM3006 - Foundations of Health Information Management (HIM) (3)
- HFT1000 - Introduction to the Hospitality and Tourism Industry (3)
- HFT2750 - The Event Industry (3)
- HSA4003 - The Patient Experience from an Administrator's Perspective (3)
- HSC3537 - Medical Terminology (3)
- PLA3014 - Law and the Legal System (3)
- PLA3108 - Legal Research (3)
- PLA3155 - Legal Writing (3)
- PLA3306 - Criminal Law (3)
- PLA3951H - Honors Moot Court (3)
- PLA4020 - Law and Society (3)
- SPC3445 - Leadership Through Oral Communication (3)
- SPC4331 - Nonverbal Communication (3)

Grand Total Credits: **78**

Program Details

Restricted Electives

- None

Capstone Requirements

- None

Electives

- None

Foreign Language Requirements

Admissions

- State University System foreign language admission requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- Achieve a minimum 2.5 GPA in all courses within the major.
- Achieve a minimum 2.5 GPA in the education core coursework.
- Achieve a minimum 2.5 GPA in the specialization coursework.
- Achieve a minimum overall 2.5 GPA
- You must upload key assignments using the Watermark platform. Key assignments are assessed by faculty to provide evidence of candidate proficiency in all Florida Educator Accomplished Practices (FEAPs). All teacher education candidates, Lifelong Learning majors, and Early Childhood Development & Education majors (all ECDE tracks) are required to complete Watermark requirements before being certified for graduation. See <https://ccie.ucf.edu/explore-via/>

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- None

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$12 per term
- Full-Time Student: \$24 per term

Secondary Education, Social Science Education Track (B.S.)

College

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Major

Program Description

**College of Community Innovation and Education
School of Teacher Education
Secondary Education Program
Education Building & Gym (ED), 209**

Professor (Education Track Contact): Dr. Scott Waring
Education Building & Gym (ED), 206J
Scott.Waring@ucf.edu

The Secondary Education B.S. - Social Science Education program offers students the option of two tracks: Social Science Education - Education Track and Social Science Education - Lifelong Learning Track (non-certification). The Education Track is appropriate for students interested in opportunities for employment with formal, 6-12 schools that require certification.

This Secondary Education B.S. - Social Science Education program has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit <https://apq.ucf.edu/files/Licensure-Disclosure-CCIE-Secondary-Ed-BS.pdf>

Admission Requirements

- Complete the University General Education requirements or its equivalent, i.e. an AA degree from a Florida College System or State University System institution.
- Complete the EDF 2005 - Introduction to the Teaching Profession course with a minimum letter grade of "C-" (1.75) or better.
- Meet the Gordon Rule Requirement.
- Meet the foreign language admission requirement
- Have a minimum 2.5 overall GPA
- Pass all four parts of the General Knowledge Test (no alternatives or waivers are accepted).

Degree Requirements

- Students should see an advisor prior to registering for classes
- The courses designated in General Education and Education Common Program Prerequisites should be completed prior to admission to the major and upper division education courses.
- The Education Track is a state-approved, initial teacher preparation program designed in compliance with Florida Statutes and State Board of Education Rule 6A-5.066. Degree requirements are subject to change based on state mandates.

General Education (GEP)

Communication Foundations
9 Total Credits

- Complete all of the following
 - Students are advised to take preferred courses.
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Preferred: SPC 1608 - Fundamentals of Oral Communication (3)

Cultural & Historical Foundations
9 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)

- HUM2020 - Encountering the Humanities (3)
- HUM2210 - Studies in Culture: Ancient to 17th Century (3)
- HUM2230 - Studies in Culture: 17th Century to Present (3)
- WOH2012 - World Civilization I (3)
- WOH2022 - World Civilization II (3)
- Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Earn at least 3 credits from the following types of courses:
GEP 6: Take one additional course from either Cultural and Historical Foundation, Area 1 or 2. Consider that some courses also partially satisfy the Gordon Rule requirement. AMH 2010 - U.S. History: 1492-1877 (3), EUH 2000 - Western Civilization I (3), and PHI 2010 - Introduction to Philosophy (3) are required for the major.

Mathematical Foundations

6 - 7 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - Preferred: MGF 1106 - Finite Mathematics (3)
 - Complete at least 1 courses from the following:
GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)
 - Preferred: STA 2014 - Principles of Statistics (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - PSY 2012 - General Psychology (3) is required for the major.

- Complete at least 1 courses from the following:
GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
- POS 2041 - American National Government (3) is required for the major.

Science Foundations

6 - 8 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - Preferred: PHY 2020 - Concepts of Physics (3) or AST 2002 - Astronomy (3)
 - Complete at least 1 courses from the following:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)
 - GEO 1200 - Physical Geography (3) is required for the major.

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

CPP

6 Total Credits

- Complete all of the following
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information. A grade of "C-" (1.75) or better is required. AMH 2010 - U.S. History: 1492-1877 (3), POS 2041 - American National Government (3), and PSY 2012 - General Psychology (3) are required for the major and may be completed in the GEP.
 - Complete the following:
 - EDF2005 - Introduction to the Teaching Profession (3)
 - AMH2020 - U.S. History: 1877-Present (3)

Grand Total Credits: **6**

Degree Requirements

Core Requirements: Basic Level

3 Total Credits

- Complete all of the following
 - A grade of "C-" (1.75) or better is required. EDF 2130 is a prerequisite to Internship I. Courses taken at Florida College System institutions may substitute for select courses in Other Program Requirements with the permission of the department.

- Complete the following:
 - EDF2130 - Child and Adolescent Development for Educators (3)

Core Requirements: Advanced Level
0 Total Credits

- A grade of "C-" (1.75) or better is required.

Education Core Requirements
18 Total Credits

- Complete all of the following
 - EDG 4410 - Teaching Strategies and Classroom Management (3) and TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools (3) are prerequisites for Internship I.
 - Complete the following:
 - EDG4410 - Teaching Strategies and Classroom Management (3)
 - EDF4467 - Learning Theory and Assessment (3)
 - EDF4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools (3)
 - TSL4080 - Theory and Practice of Teaching ESOL Students in Schools (3)
 - EEX4242 - Teaching Exceptional Students in Secondary Settings (3)
 - RED4043 - Content Reading in Kindergarten through Grade 12 (3)

Education Track Specialization Requirements
39 Total Credits

- Complete all of the following
 - EUH 2000 - Western Civilization I (3), AMH 2010 - U.S. History: 1492-1877 (3), PSY 2012 - General Psychology (3), POS 2041 - American National Government (3), PHI 2010 - Introduction to Philosophy (3), ECO 2013 - Principles of Macroeconomics (3), and GEO 1200 - Physical Geography (3) are prerequisites to Internship I and may be completed in the GEP. AMH 2020 U.S. History: 1877-Present (3) is a prerequisite for Internship I and is completed in the CPP. SSE 4395 - Teaching with Primary Sources (3), SSE 4042 - Teaching Social Science as a Profession Credit Hours: 3, SSE 4632 - Contemporary Social Science Education (3), SSE 4936 - Programs in Teaching Social Science (3) are strongly recommended prior to Internship I.
 - Complete the following:
 - SYG2000 - Introduction to Sociology (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - EUH2001 - Western Civilization II (3)
 - SSE4395 - Teaching with Primary Sources (3)
 - SSE4042 - Teaching Social Science as a Profession (3)
 - SSE4632 - Contemporary Social Science Education (3)
 - SSE4936 - Programs in Teaching Social Science (3)
 - Earn at least 15 credits from the following types of courses:
3000/4000 level Electives (with prefix AFH, AMH, ASH, CPO, GEO, INR, LAH, POS, SYG, SSE or approved by advisor)

Internship I Block
6 Total Credits

- Complete all of the following
 - Prior to Internship I, the student must have completed EDG 4410, TSL 4080, all Common Program Prerequisites, all Core Requirements: Basic Level, SYG 2000, ECO 2013, and at least 50% of all required specialization courses indicated above with a letter grade of "C-" (1.75) or better. However, a minimum GPA of 2.5 is required in the education core, specialization and overall for admission to Internship I. It is strongly recommended that SSE 4395, SSE 4632, SSE 4042, and SSE 4936 are taken prior to Internship I. Passing score on the General Knowledge Test portion of the Florida Teacher Certification Examination (FTCE) is recommended before entry into Internship I. Passing score on the Professional Education Test portion of the Florida Teacher Certification Examination (FTCE) is strongly recommended as soon as possible after completing the following courses: EDG 4410, EDF 4467, RED 4043, and TSL 4080. Students must apply and be approved for Internship I. Deadline dates and placement application are available through the Office of Clinical & Field Experiences at <https://ccie.ucf.edu/clinicalexp/>. A fee may be required as part of the placement application process.

- Complete the following:
 - SSE4361 - Social Science Instructional Analysis (3)
- Earn at least 3 credits from the following types of courses:
SSE 3940 - Internship
- Strongly recommended to complete Internship I and SSE 4361 concurrently in fall semester. For students completing SSE 3940 in fall semester, SSE 4361 will be taken as a co-requisite. For students completing SSE 3940 in spring semester, SSE 4361 will be taken as a pre-requisite in the fall semester prior to internship.

Internship II Block 12 Total Credits

- Complete all of the following
 - At least 80% of all required specialization courses and all education/methods courses must be completed with a letter grade of "C-" (1.75) or better before admission into Internship II. However, a minimum GPA of 2.5 is required in the education core, specialization and overall for admission to Internship II. However, a minimum GPA of 2.5 is required in the education core, specialization and overall for admission to Internship II. Passing scores on all sections [General Knowledge, Professional, and Subject Area (Social Science 6-12)] of the Florida Teacher Certification Examination (FTCE) are required prior to entry into Internship II. Students must apply and be approved for Internship II. Deadline dates and placement application are available through the Office of Clinical & Field Experiences at <https://ccie.ucf.edu/clinicalexp/>. A fee may be required as part of the placement application process. Satisfactory completion of Internship II requires the student to demonstrate proficiency in all Florida Educator Accomplished Practices in accordance with State Board of Education Rule 6A-5.066.
 - Complete the following:
 - ESE4033C - Critical Issues and Trends in Secondary Education (3)
 - Earn at least 9 credits from the following types of courses:
SSE 4941 - Internship

Grand Total Credits: **78**

Program Details

Restricted Electives

- None

Capstone Requirements

- None

Electives

- None

Foreign Language Requirements

Admissions

- State University System foreign language admission requirement: two years in high school or one year of

college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- Achieve a minimum 2.5 GPA in all courses within the major.
- Achieve a minimum 2.5 GPA in the education core coursework.
- Achieve a minimum 2.5 GPA in the specialization coursework.
- Achieve a minimum overall 2.5 GPA
- You must upload key assignments using the Watermark platform. Key assignments are assessed by faculty to provide evidence of candidate proficiency in all Florida Educator Accomplished Practices (FEAPs). All teacher education candidates, Lifelong Learning majors, and Early Childhood Development & Education majors (all ECDE tracks) are required to complete Watermark requirements before being certified for graduation. See <https://ccie.ucf.edu/explore-via/>

Education Track

- Pass all applicable sections of the Florida Teacher Certification Examination. See <http://www.fldoe.org> for test dates and test sites. Effective January 1, 2015, only examination results earned by educators within 10 years prior to the date of application for a new Florida Educator's Certificate with the Florida Department of Education may be acceptable for certification eligibility requirements (SBE Rule 6A-4.002)

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- None

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$12 per term
- Full-Time Student: \$24 per term

Security Management Certificate

College

College of Community Innovation and Education

Department

Department of Criminal Justice

Program Type

Certificate

Program Description

College of Community Innovation and Education
Criminal Justice Department
Health Sciences I (HS1), 311
407-823-2603
cjadvice@ucf.edu

Lecturer: Todd Bricker

Todd.Bricker@ucf.edu

The security industry is rapidly growing in the State of Florida and in the nation. This area is in need of qualified, innovative managers and leaders to meet the demands of the twenty-first century. A student in this certificate program will gain experience in risk assessment, legal issues, and contemporary approaches to security management. Certificates will be awarded only at the time of degree completion. This certificate can be completed online and is therefore open to UCF online students.

Certificate Admission Requirements

- None

Certificate Requirements

- Students are required to take courses as specified below and to declare the Certificate.

Prerequisite Courses

- There are no certificate prerequisites; however individual courses may have prerequisites.

Degree Requirements

15 Total Credits

- Complete all of the following
 - Required Courses
 - Complete the following:
 - SCC3316 - Transportation Security (3)
 - CJT3803 - Security Management (3)
 - CJT4843 - Risk Management in Criminal Justice/Private Security (3)
 - CCJ4644 - White Collar Crime (3)
 - Restricted Electives
 - Complete at least 1 of the following:
 - CJE3444 - Crime Prevention (3)
 - CJT3821 - Practical Security Applications (3)
 - CCJ3450 - Criminal Justice Management and Liability Issues (3)
 - SCC3316 - Transportation Security (3)
 - DSC4012 - Terrorism (3)
 - DSC4013 - Homeland Security and Criminal Justice (3)

Grand Total Credits: **15**

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 15

Other Requirements

- A minimum overall GPA of 2.0 is required in courses used to satisfy the certificate.
- At least 12 hours used in the certificate must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit cannot be used toward the certificate.
- Course Substitutions must be approved by the department in advance.

Social Science Education Minor

College

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Minor

Program Description

**College of Community Innovation and Education
School of Teacher Education
Secondary Education Program
Education Building & Gym (ED), 209**

Professor (Education Track Contact): Dr. Scott Waring
Education Building & Gym (ED), 206J
407-823-1766
Scott.Waring@ucf.edu

The Social Science Education minor is intended for non-Social Science Education majors. It is well suited for College of Community Innovation and Education, School of Teacher Education students majoring in another secondary/K-12 content area. It is also intended to provide for university students outside the School of Teacher Education (such as students enrolled in Interdisciplinary Studies, International and Global Studies, History, or Political Science) a limited but substantial experience in the field of professional education. This minor is not available to students in pending status in a School of Teacher Education major. Students who successfully complete this minor can expect to increase their marketability in careers that include educational components such as instructing, training, and lecturing. This minor is designed to promote student success in instructional settings, particularly in the 6-12 school setting, but does not directly qualify students for teacher certification or admission into the College of Community Innovation and Education.

Minor Admission Requirements

- Minimum 2.5 overall GPA.
- Complete the University General Education Program requirements or the equivalent, i.e., an AA degree from a Florida College System or State University System institution.

Minor Requirements

- Students should see an advisor prior to registering for classes. A grade of "C-" (1.75) or better is required in each course used to satisfy the minor. At least 12 hours used in the minor must be earned at UCF.
- For students intending on pursuing teaching certification after graduation, it is recommended to complete 18 credits of coursework in social sciences

Prerequisite Courses

- None

Degree Requirements

18 Total Credits

- Complete all of the following
 - A C- or better is required in these courses.
 - Complete the following:
 - EDG4410 - Teaching Strategies and Classroom Management (3)
 - EDF4466 - Classroom Assessment & Evaluation Techniques (3)
 - TSL4080 - Theory and Practice of Teaching ESOL Students in Schools (3)
 - RED4043 - Content Reading in Kindergarten through Grade 12 (3)
 - Complete at least 2 of the following:
 - SSE4042 - Teaching Social Science as a Profession (3)
 - SSE4323 - Teaching Civics in Florida (3)
 - SSE4361 - Social Science Instructional Analysis (3)
 - SSE4395 - Teaching with Primary Sources (3)
 - SSE4632 - Contemporary Social Science Education (3)
 - SSE4936 - Programs in Teaching Social Science (3)

Grand Total Credits: 18

Program DetailsRestricted Electives

- None

Foreign Language Requirements

- None

Other Requirements

- Students should see an advisor prior to registering for classes
- For students intending on pursuing teaching certification after graduation, it is highly recommended to complete 18 hrs of courses in social science as co-requisites
- At least 12 hours in the minor must be earned at UCF
- Obtain a minimum 2.5 GPA in courses required for minor

Substitute Teaching Certificate**College**

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Certificate

Program Description

**College of Community Innovation and Education
School of Teacher Education
Education Complex and Gym (ED), 209**

Associate Professor: Dr. Dan Ezell
dan.ezell@ucf.edu

The Substitute Teaching Certificate is designed for undergraduates who want to prepare themselves for substitute teaching assignments in PK-12 schools. This certificate does not lead to teacher certification or admission to the College of Community Innovation and Education. The certificate is appropriate for students who are seeking an enhanced understanding of how to be an effective substitute teacher in PK-12 school classrooms, or for those who are considering a future career as a fully certified teacher. This certificate may also strengthen the marketability of students' major programs. This certificate is available for students in the 2006 catalog year and beyond.

Certificate Admission Requirements

- None

Certificate Requirements

- None

Prerequisite Courses

- None

Degree Requirements

9 Total Credits

- Complete the following:
 - EDF2007 - Introduction to Substitute Teaching (3)
 - EDF2250 - Classroom Management for Substitute Teachers (3)
 - EDG2311 - Teaching Strategies for Substitute Teachers (3)

Grand Total Credits: **9**

Program Details

Restricted Electives

- None

Foreign Language Requirements

- None

Other Requirements

- A minimum GPA of 2.5 in all courses
- No credit by exam (CLEP, Military credit) may be used. Transfer credits from other universities will be considered.
- At least 6 hours used in the certificate must be earned at UCF.
- Note: Completion of this certificate does not complete the requirements for teacher certification, nor does it constitute admission to the College of Education and Human Performance.

Teacher Education, Art Education - Lifelong Learning Track (B.S.)

College

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Major

Program Description

**College of Community Innovation and Education
School of Teacher Education
Education Complex & Gym (ED), 209**

Senior Lecturer & Secondary Education Academic Program Coordinator: Dr. Janet Andreasen
Education Complex & Gym (ED), 123H
Janet.Andreasen@ucf.edu

The Secondary Education B.S. - Art Education - Lifelong Learning Track (non-certification) program is specifically focused on students who wish to use their knowledge of Art Education to pursue educational careers outside of traditional schools. The Lifelong Learning Track prepares graduates for employment in a broad spectrum of professional opportunities including non-profits and non-traditional educational agencies. The Lifelong Learning Track is appropriate for students seeking opportunities for employment outside formal, K-12 schools that do not require certification.

Admission Requirements

- Complete the University General Education requirements or its equivalent, i.e. an AA degree from a Florida College System or State University System institution.
- Complete EDF 2005 - Introduction to the Teaching Profession course with a minimum letter grade of "C-" (1.75) or better.
- Meet the Gordon Rule Requirement.
- Meet the Foreign Language Admission Requirement.
- Have a minimum 2.5 overall GPA

Degree Requirements

- Students should see an advisor prior to registering for classes
- The courses designated in (General Education), (Education Common Program Prerequisites), and (Core Requirements: Basic Level) should be completed prior to admission to the major and upper division education courses.

General Education (GEP)

Communication Foundations
9 Total Credits

- Complete all of the following
 - Students are strongly advised to take the preferred courses.
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Preferred: SPC 1608 - Fundamentals of Oral Communication (3)

Cultural & Historical Foundations
9 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)

- HUM2230 - Studies in Culture: 17th Century to Present (3)
- WOH2012 - World Civilization I (3)
- WOH2022 - World Civilization II (3)
- Preferred: AMH 2010 - U.S. History: 1492-1877 (3)
- Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- ARH 2050 - History of Western Art I (3), with a grade of "C-" (1.75) or better is required for the major.
- Earn at least 3 credits from the following types of courses:
GEP 6: Take one additional course from either Cultural and Historical Foundation, Area 1 or 2. Consider that some courses also partially satisfy the Gordon Rule requirement. Preferred: MUL 2010 - Enjoyment of Music Credit (3), THE 2000 - Theatre Survey (3), PHI 2010 - Introduction to Philosophy (3)

Mathematical Foundations

6 - 7 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - Preferred: MGF 1106 - Finite Mathematics (3)
 - Complete at least 1 courses from the following:
GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)
 - Preferred: STA 2014 - Principles of Statistics (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)

- Preferred: PSY 2012 - General Psychology Credit Hours: (3)
- Complete at least 1 courses from the following:
GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
- Preferred: AMH 2020 - U.S. History: 1877-Present (3)

Science Foundations

6 - 8 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - Preferred: PSC 1121 - Physical Science (3)
 - Complete at least 1 courses from the following:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)
 - Preferred: BSC 1005 - Biological Principles Credit Hours: (3)

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

CPP

3 Total Credits

- Complete all of the following
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information. A grade of "C-"(1.75) or better is required.
 - Complete the following:
 - EDF2005 - Introduction to the Teaching Profession (3)

Grand Total Credits: **3**

Degree Requirements

Core Requirements: Basic Level

18 Total Credits

- Complete all of the following
 - ARH 2050 - History of Western Art I (3) is required for the major and may be completed in the GEP.
 - Complete the following:
 - ARH2051 - History of Western Art II (3)
 - ART2201C - Design Fundamentals-Two Dimensional (3)

- ART2300C - Drawing Fundamentals I (3)
- GRA2101C - Introduction to Computer Art (3)
- EDG2000 - Careers in K-12 Education (3)
- Complete at least 1 of the following:
 - EDF2130 - Child and Adolescent Development for Educators (3)
 - EDP2270 - Adult Development & Learning (3)

Core Requirements: Advanced Level

21 Total Credits

- Complete all of the following
 - A grade of "C-"(1.75) or better is required. Students must apply and be approved to take EDG 4942. Applications should be submitted in the semester prior to taking this course. For further information regarding EDG 4942, students should meet with their academic advisor.
 - Complete the following:
 - EDG4410 - Teaching Strategies and Classroom Management (3)
 - EDF4467 - Learning Theory and Assessment (3)
 - EDF4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools (3)
 - TSL4080 - Theory and Practice of Teaching ESOL Students in Schools (3)
 - RED4043 - Content Reading in Kindergarten through Grade 12 (3)
 - EEX4242 - Teaching Exceptional Students in Secondary Settings (3)
 - EDG4942 - Lifelong Learning Education Internship (3)

Lifelong Learning Track Specialization Requirements

48 Total Credits

- Earn at least 48 credits from the following:
 - ART2301C - Drawing Fundamentals II (3)
 - ART2203C - Design Fundamentals-Three Dimensional (3)
 - ART2754C - Beginning Ceramics (3)
 - ART2500C - Beginning Painting (3)
 - PGY2401C - Beginning Photography (3)
 - ARE4356 - Teaching Art Appreciation & Criticism in the Classroom (3)
 - ARE4351 - Teaching Art in the Elementary School (3)
 - ARE4250 - Art for Exceptionalities (3)
 - ARE4352 - Teaching Art in the Secondary School (3)
 - ARE4453 - Studio Experiences in Art Education (3)
 - EDG4941 - Directed Field Experience (1 - 8)
 - EDG4948 - Service Learning (3)
 - CCJ3024 - Criminal Justice System (3)
 - CCJ4651 - Drugs and Crime (3)
 - CCJ4670 - Women and Crime (3)
 - CJE3001 - Careers in Criminal Justice (4)
 - CJE3444 - Crime Prevention (3)
 - DEP2004 - Developmental Psychology (3)
 - Course Not Found
 - DEP3464 - Psychology of Aging (3)
 - DIG2000 - Introduction to Digital Media (3)
 - EAB3703 - Principles of Behavior Modification (3)
 - ECT4184 - Curriculum Development Techniques for Industry Training (3)
 - EXP3604 - Cognitive Psychology (3)
 - EXP3250 - Principles of Human Factors Psychology (3)
 - HFT1000 - Introduction to the Hospitality and Tourism Industry (3)
 - HFT2750 - The Event Industry (3)
 - HIM3006 - Foundations of Health Information Management (HIM) (3)
 - HSA4003 - The Patient Experience from an Administrator's Perspective (3)
 - HSC3537 - Medical Terminology (3)
 - PLA3014 - Law and the Legal System (3)
 - PLA3108 - Legal Research (3)
 - PLA3155 - Legal Writing (3)
 - PLA3306 - Criminal Law (3)
 - PLA3951H - Honors Moot Court (3)
 - PLA4020 - Law and Society (3)

- SPC3445 - Leadership Through Oral Communication (3)
- SPC4331 - Nonverbal Communication (3)

Grand Total Credits: **87**

Program Details

Restricted Electives

- None

Capstone Requirements

- None

Electives

- None

Foreign Language Requirements

Admissions

- State University System foreign language admission: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school)

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- Achieve a minimum 2.5 GPA in all courses within the major.

- Achieve a minimum 2.5 GPA in the education core coursework.
- Achieve a minimum 2.5 GPA in the specialization coursework.
- Achieve a minimum overall 2.5 GPA
- You must upload key assignments using the Watermark platform. Key assignments are assessed by faculty to provide evidence of candidate proficiency in all Florida Educator Accomplished Practices (FEAPs). All teacher education candidates, Lifelong Learning majors, and Early Childhood Development & Education majors (all ECDE tracks) are required to complete Watermark requirements before being certified for graduation. See <https://edcollege.ucf.edu/students/explore-livertext/>

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 126

Additional Information

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- Consult with your Education advisor and review your degree audit for more recent information.

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oemas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$12 per term
- Full-Time Student: \$24 per term

Teacher Education, Art Education Track (B.S.)

College

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Major

Program Description

**College of Community Innovation and Education
School of Teacher Education
Education Complex and Gym (ED), 209**

Associate Lecturer (Education Track Contact): Dr. Debra McGann
Education Complex and Gym (ED), 122C
debra.mcgann@ucf.edu

The Teacher Education B.S. - Art Education program offers students the option of two tracks: Art Education - Education Track and Art Education - Lifelong Learning Track (non-certification). The Education Track is appropriate for students interested in opportunities for employment with formal, K-12 schools that require certification.

This Teacher Education BS - Art Education program has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit <https://apq.ucf.edu/files/Licensure-Disclosure-CCIE-Teacher-Ed-BS.pdf>

Admission Requirements

- Complete the University General Education requirements or its equivalent, i.e. an AA degree from a Florida College System or State University System institution.
- Complete EDF 2005 - Introduction to the Teaching Profession course with a minimum letter grade of "C-" (1.75) or better.
- Meet the Gordon Rule Requirement.
- Meet the Foreign Language Admission Requirement.
- Have a minimum 2.5 overall GPA

Degree Requirements

- Students should see an advisor prior to registering for classes
- The courses designated in (General Education), (Education Common Program Prerequisites), and (Core Requirements: Basic Level) should be completed prior to admission to the major and upper division education courses.
- The Education Track is a state-approved, initial teacher preparation program designed in compliance with Florida Statutes and State Board of Education Rule 6A-5.066. Degree requirements are subject to change based on state mandates.

General Education (GEP)

Communication Foundations
9 Total Credits

- Complete all of the following
 - Students are strongly advised to take the preferred courses.
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation

- COM1000 - Introduction to Communication (3)
- SPC1603C - Fundamentals of Technical Presentations (3)
- SPC1608 - Fundamentals of Oral Communication (3)
- Preferred: SPC 1608 - Fundamentals of Oral Communication (3)

Cultural & Historical Foundations

9 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Preferred: AMH 2010 - U.S. History: 1492-1877 (3)
 - Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - ARH 2050 - History of Western Art I (3), with a grade of "C-" (1.75) or better, is required for the major.
 - Earn at least 3 credits from the following types of courses:
 - GEP 6: Take one additional course from either Cultural and Historical Foundation, Area 1 or 2. Consider that some courses also partially satisfy the Gordon Rule requirement. Preferred: MUL 2010 - Enjoyment of Music (3), THE 2000 - Theatre Survey (3), or PHI 2010 - Introduction to Philosophy (3)

Mathematical Foundations

6 - 7 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - Preferred: MGF 1106 - Finite Mathematics (3)
 - Complete at least 1 courses from the following:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)

- STA2014 - Principles of Statistics (3)
- STA2023 - Statistical Methods I (3)
- STA3032 - Probability and Statistics for Engineers (3)
- CGS1060C - Introduction to Computers (3)
- Preferred: STA 2014 - Principles of Statistics (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - Preferred: PSY 2012 - General Psychology (3)
 - Complete at least 1 courses from the following:
GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
 - Preferred: AMH 2020 - U.S. History: 1877-Present (3)

Science Foundations

6 - 8 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - Preferred: PSC 1121 - Physical Science (3)
 - Complete at least 1 courses from the following:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)
 - Preferred: BSC 1005 - Biological Principles (3)

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

CPP

3 Total Credits

- Complete all of the following
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information. A grade of "C-"(1.75) or better is required.
 - Complete the following:
 - EDF2005 - Introduction to the Teaching Profession (3)

Grand Total Credits: **3**

Degree Requirements

Core Requirements: Advanced Level

0 Total Credits

- A grade of "C-"(1.75) or better is required.

Education Core Requirements

15 Total Credits

- Complete all of the following
 - EDG 4410 - Teaching Strategies and Classroom Management (3) and TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools (3) are prerequisites to Internship I.
 - Complete the following:
 - EDG4410 - Teaching Strategies and Classroom Management (3)
 - EDF4467 - Learning Theory and Assessment (3)
 - EDF4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools (3)
 - TSL4080 - Theory and Practice of Teaching ESOL Students in Schools (3)
 - RED4043 - Content Reading in Kindergarten through Grade 12 (3)

Education Track Specialization Requirements

57 Total Credits

- Complete all of the following
 - ARE 4453 is taken three (3) times. ARH 2050 - History of Western Art I (3) is required for the major and may be completed in the GEP. ARH 2051 - History of Western Art II (3), ART 2300C - Drawing Fundamentals I (3), ART 2201C - Design Fundamentals-Two Dimensional (3), GRA 2101C - Introduction to Computer Art (3) are prerequisites for Internship I.
 - Complete the following:
 - ARH2051 - History of Western Art II (3)
 - ART2300C - Drawing Fundamentals I (3)
 - ART2201C - Design Fundamentals-Two Dimensional (3)
 - GRA2101C - Introduction to Computer Art (3)
 - ART2203C - Design Fundamentals-Three Dimensional (3)
 - ART2301C - Drawing Fundamentals II (3)
 - ART2754C - Beginning Ceramics (3)
 - ART2500C - Beginning Painting (3)
 - PGY2401C - Beginning Photography (3)
 - ARE4356 - Teaching Art Appreciation & Criticism in the Classroom (3)
 - ARE4351 - Teaching Art in the Elementary School (3)
 - ARE4352 - Teaching Art in the Secondary School (3)
 - ARE4250 - Art for Exceptionalities (3)
 - Earn at least 9 credits from the following types of courses:
ARE 4453 - Studio Experiences in Art Education (3) Taken three times for a total of 9 credit hours
 - Earn at least 9 credits from the following types of courses:
Any 3000 or 4000 level ART, ARE, ARH, GRA, PGY (with advisor's approval) (3)

Internship I Block

3 Total Credits

- Complete all of the following
 - Prior to Internship I, the student must have completed EDG 4410 , TSL 4080 , Common Program

Prerequisites, ARH 2050, ARH 2051, ART 2201C, ART 2300C , GRA 2101C, and at least 50% of all required specialization courses indicated with a letter grade of "C-" (1.75) or better. However, a minimum GPA of 2.5 is required in the education core, specialization and overall for admission into Internship I. Passing score on the General Knowledge Test portion of the Florida Teacher Certification Examination (FTCE) is recommended before entry into Internship I. Passing score on the Professional Education Test portion of the Florida Teacher Certification Examination (FTCE) is strongly recommended as soon as possible after completing the following courses: EDG 4410, EDF 4467, RED 4043, and TSL 4080. Students must apply and be approved for Internship I. Deadline dates and placement application are available through the Office of Clinical & Field Experiences at <https://ccie.ucf.edu/clinicalexp/>. A fee may be required as part of the placement application process

- Earn at least 3 credits from the following types of courses:
ARE 3940 - Internship

Internship II Block 12 Total Credits

- Complete all of the following
 - All specialization courses and all education core courses must be completed with a letter grade of "C-" (1.75) or better before entry into Internship II. However, a minimum GPA of 2.5 is required in the education core, specialization and overall for admission to Internship II. Passing scores on all sections [General Knowledge, Professional, and Subject Area (Art K-12)] of the Florida Teacher Certification Examination (FTCE) are required prior to entry into Internship II. Satisfactory completion of Internship II requires the student to demonstrate proficiency in all Florida Educator Accomplished Practices in accordance with State Board of Education rule 6A-5.066. Students must apply and be approved for Internship II. Deadline dates and placement application are available through the Office of Clinical & Field Experiences at <https://ccie.ucf.edu/clinicalexp/>. A fee may be required as part of the placement application process
 - Complete the following:
 - ESE4033C - Critical Issues and Trends in Secondary Education (3)
 - Earn at least 9 credits from the following types of courses:
ARE 4941 - Internship

Grand Total Credits: **87**

Program Details

Restricted Electives

- None

Capstone Requirements

- None

Electives

- None

Foreign Language Requirements

Admissions

- State University System foreign language admission: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school)

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- Achieve a minimum 2.5 GPA in all courses within the major.
- Achieve a minimum 2.5 GPA in the education core coursework.
- Achieve a minimum 2.5 GPA in the specialization coursework.
- Achieve a minimum overall 2.5 GPA
- Pass all applicable sections of the Florida Teacher Certification Examination. See <http://www.fldoe.org> for test dates and test sites. Effective January 1, 2015, only examination results earned by educators within 10 years prior to the date of application for a new Florida Educator's Certificate with the Florida Department of Education may be acceptable for certification eligibility requirements (SBE Rule 6A-4.002)
- You must upload key assignments using the Watermark platform. Key assignments are assessed by faculty to provide evidence of candidate proficiency in all Florida Educator Accomplished Practices (FEAPs). All teacher education candidates, Lifelong Learning majors, and Early Childhood Development & Education majors (all ECDE tracks) are required to complete Watermark requirements before being certified for graduation. See <https://ccie.ucf.edu/explore-via/>

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 126

Additional Information

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- Consult with your Education advisor and review your degree audit for more recent information.

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alac/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$12 per term
- Full-Time Student: \$24 per term

Teacher Education, Physical Education - Lifelong Learning Track (B.S.)

College

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Major

Program Description

**College of Community Innovation and Education
School of Teacher Education
Education Complex & Gym (ED), 209**

Associate Lecturer & Secondary Education Academic Program Coordinator: Dr. Janet Andreasen
Education Complex & Gym (ED), 123Q
Janet.Andreasen@ucf.edu

The Teacher Education B.S. - Physical Education - Lifelong Learning Track (non-certification) program is specifically focused on students who wish to use their knowledge of Physical Education to pursue educational careers outside of traditional schools. The Lifelong Learning Track prepares graduates for employment in a broad spectrum of professional opportunities including non-profits and non-traditional educational agencies. The Lifelong Learning Track is appropriate for students seeking opportunities for employment outside formal, K-12 schools that do not require certification.

Admission Requirements

- Complete the University General Education requirements or its equivalent, i.e., an AA degree from an approved Florida College System or State University System institution.
- Have a minimum 2.5 overall GPA.
- Complete the EDF 2005 Introduction to Teaching Profession with a minimum letter grade of "C-" (1.75) or better.
- Meet the Gordon Rule Requirement.
- Meet the Foreign Language Admission Requirement.

Degree Requirements

- Students should see an advisor prior to registering for classes.
- The courses designated in 1 (UCF General Education Program), 2 (Education Common Program Prerequisites), and 3 (Core Requirements: Basic Level) should be completed prior to admission to the major and upper division education courses.

General Education (GEP)

Communication Foundations
9 Total Credits

- Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Preferred: SPC 1608 - Fundamentals of Oral Communication (3)

Cultural & Historical Foundations
9 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)

- WOH2022 - World Civilization II (3)
- Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Earn at least 3 credits from the following types of courses:
 - GEP 6: Take one additional course from either Cultural and Historical Foundation, Area 1 or 2. Consider that some courses also partially satisfy the Gordon Rule requirement. Preferred: MUL 2010 - Enjoyment of Music Credit (3), THE 2000 - Theatre Survey (3), PHI 2010 - Introduction to Philosophy (3)

Mathematical Foundations

6 - 7 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - Preferred: MAC 1105C - College Algebra (3) or MGF 1106 - Finite Mathematics (3)
 - Complete at least 1 courses from the following:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)
 - Preferred: STA 2014 - Principles of Statistics (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - Preferred: PSY 2012 - General Psychology (3)
 - Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)

- ECO2023 - Principles of Microeconomics (3)
- POS2041 - American National Government (3)
- Preferred: POS 2041 - American National Government (3)

Science Foundations
6 - 8 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - Preferred: PSC 1121 - Physical Science (3)
 - Complete at least 1 courses from the following:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)
 - BSC 2010C - Biology I (4) is required for the major.

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

CPP
3 Total Credits

- Complete all of the following
 - A grade of "C-" (1.75) or better is required.
 - Complete the following:
 - EDF2005 - Introduction to the Teaching Profession (3)

Grand Total Credits: **3**

Degree Requirements

Core Requirements: Basic Level
16 Total Credits

- Complete all of the following
 - A grade of "C-" (1.75) or better is required.
 - Complete the following:
 - ZOO3736C - Exercise Physiology Anatomy (4)
 - ATR4132 - Human Injuries: Mechanisms & Prevention (3)
 - EDG2000 - Careers in K-12 Education (3)
 - Complete at least 1 of the following:
 - PEO2011 - Team Sports (3)
 - PEO2031 - Individual Sports (3)
 - Complete at least 1 of the following:

- EDF2130 - Child and Adolescent Development for Educators (3)
- EDP2270 - Adult Development & Learning (3)

Core Requirements: Advanced Level
0 Total Credits

- A grade of "C-" (1.75) or better is required.

Education Core Requirements
24 Total Credits

- Complete all of the following
 - Students must apply and be approved to take EDG 4942. Applications should be submitted in the semester prior to taking this course. For further information regarding EDG 4942, students should meet with their academic advisor.
 - Complete the following:
 - EDG4410 - Teaching Strategies and Classroom Management (3)
 - EDF4467 - Learning Theory and Assessment (3)
 - TSL4080 - Theory and Practice of Teaching ESOL Students in Schools (3)
 - RED4043 - Content Reading in Kindergarten through Grade 12 (3)
 - PET4710 - Methods for Physical Activity for Children and Adolescents (3)
 - PET4050C - Motor Development and Learning (3)
 - PET3351 - Applied Exercise Physiology (3)
 - EDG4942 - Lifelong Learning Education Internship (3)

Lifelong Learning Track Specialization Requirements
40 Total Credits

- Complete all of the following
 - Select preferred specialization courses with advisor approval. A minimum of nine (9) hours must be taken in the content area. A minimum of twelve (12) hours must be taken in Education coursework (prefix EDF, EDG, EEX, PET, TSL, RED). Substitutions are allowed with advisor approval. A grade of "C-" (1.75) or better is required. Must have a total of 42 or more hours of upper level courses to graduate.
 - Earn at least 40 credits from the following:
 - DAE3370 - Dance and Rhythmics (3)
 - HUN2201 - Fundamentals of Human Nutrition (3)
 - PEM2134C - Adventure Recreation (2)
 - PEO3041 - Games Analysis (3)
 - PET3765 - Coaching Theory (3)
 - PET3768 - Group Exercise Instruction (3)
 - PET3820 - Teaching Sports Skills I (3)
 - PET4325 - Functional Kinesiology (3)
 - PET4401 - Administration and Evaluation in Physical Education and Sport (3)
 - PET4550C - Assessment and Evaluation in Kinesiology (3)
 - PET4552 - Exercise Prescription for Special Populations (3)
 - EDG4941 - Directed Field Experience (1 - 8)
 - EDG4948 - Service Learning (3)
 - CCJ3024 - Criminal Justice System (3)
 - CCJ4651 - Drugs and Crime (3)
 - CCJ4670 - Women and Crime (3)
 - CJE3001 - Careers in Criminal Justice (4)
 - CJE3444 - Crime Prevention (3)
 - DEP2004 - Developmental Psychology (3)
 - Course Not Found
 - DEP3464 - Psychology of Aging (3)
 - DIG2000 - Introduction to Digital Media (3)
 - EAB3703 - Principles of Behavior Modification (3)
 - ECT4184 - Curriculum Development Techniques for Industry Training (3)
 - EXP3250 - Principles of Human Factors Psychology (3)
 - EXP3604 - Cognitive Psychology (3)
 - HFT1000 - Introduction to the Hospitality and Tourism Industry (3)
 - HFT2750 - The Event Industry (3)
 - HFT3798 - Fairs and Festivals (3)

- HFT4754 - Exhibit and Trade Show Operations (3)
- HIM3006 - Foundations of Health Information Management (HIM) (3)
- HSC3537 - Medical Terminology (3)
- PLA3014 - Law and the Legal System (3)
- PLA3108 - Legal Research (3)
- PLA3155 - Legal Writing (3)
- PLA3306 - Criminal Law (3)
- PLA3951H - Honors Moot Court (3)
- PLA4020 - Law and Society (3)
- SPC3445 - Leadership Through Oral Communication (3)
- SPC4331 - Nonverbal Communication (3)

Grand Total Credits: **80**

Program Details

Restricted Electives

- None

Capstone Requirements

- None

Foreign Language Requirements

Admissions

- State University System foreign language admission requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation

- None

Electives None

- Additional Requirements

None

- Required Minors None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oemas.ucf.edu/alc/academic_learning_compacts.htm

Departmental Exit Requirements

- Achieve a minimum 2.5 GPA in all courses within the major.
- Achieve a minimum 2.5 GPA in the education core coursework.
- Achieve a minimum 2.5 GPA in the specialization coursework.
- Achieve a minimum overall 2.5 GPA
- You must upload key assignments using the Via by Watermark platform. Key assignments are assessed by faculty to provide evidence of candidate proficiency in all Florida Educator Accomplished Practices (FEAPs). All teacher education candidates, Lifelong Learning majors, and Early Childhood Development & Education majors (all ECDE tracks) are required to complete Via requirements before being certified for graduation. See <https://ccie.ucf.edu/explore-via/>

University Minimum Exit Requirements

-
- 2.0 UCF GPA
 - 42 semester hours of upper division credit completed
 - 60 semester hours earned after CLEP awarded
 - 30 of the last 39 hours of course work must be completed in residency at UCF.
 - A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
 - Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required

- 120

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- None

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Plan of Study

Physical Education - Lifelong Learning Track

Freshman Year - Fall (13 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- EDF 2005 - Introduction to the Teaching Profession **Credit Hours: 3**
- BSC 2010C - Biology I **Credit Hours: 4**

Select one:

- MAC 1105C - College Algebra **Credit Hours: 3** or
- MGF 1106 - Finite Mathematics **Credit Hours: 3**

Freshman Year - Spring (12 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- PSC 1121 - Physical Science **Credit Hours: 3**
- STA 2014 - Principles of Statistics **Credit Hours: 3**

Select one:

- MUL 2010 - Enjoyment of Music **Credit Hours: 3** or
- PHI 2010 - Introduction to Philosophy **Credit Hours: 3** or
- THE 2000 - Theatre Survey **Credit Hours: 3**

Freshman Year - Summer (6 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3**
- EDG 2000 - Careers in K-12 Education **Credit Hours: 3**

Sophomore Year - Fall (13 Credit Hours)

- AMH 2010 - U.S. History: 1492-1877 **Credit Hours: 3**
- PSY 2012 - General Psychology **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- ZOO 3736C - Exercise Physiology Anatomy **Credit Hours: 4**

Sophomore Year - Spring (12 Credit Hours)

- GEP B1 Elective **Credit Hour: 3**
- ATR 4132 - Human Injuries: Mechanisms & Prevention **Credit Hours: 3**

Select one:

- EDF 2130 - Child and Adolescent Development for Educators **Credit Hours: 3** or
- EDP 2270 - Adult Development & Learning **Credit Hours: 3**

Select one:

- PEO 2011 - Team Sports **Credit Hours: 3** or
- PEO 2031 - Individual Sports **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3**
- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**
- PET 4050C - Motor Development and Learning **Credit Hours: 3**
- PET 3351 - Applied Exercise Physiology **Credit Hours: 3**
- Lifelong learning specialization course **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- RED 4043 - Content Reading in Kindergarten through Grade 12 **Credit Hours: 3**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3**
- Lifelong Learning specialization course **Credit Hour: 3**
- Lifelong Learning specialization course **Credit Hour: 3**
- Lifelong Learning specialization course **Credit Hour: 3**

Junior Year - Summer (7 Credit Hours)

- Lifelong Learning specialization course **Credit Hour: 3**
- Lifelong Learning specialization course **Credit Hour: 4**

Senior Year - Fall (15 Credit Hours)

- Lifelong Learning specialization course **Credit Hour: 3**
- Lifelong Learning specialization course **Credit Hour: 3**
- Lifelong Learning specialization course **Credit Hour: 3**
- Lifelong Learning specialization course **Credit Hour: 3**

- PET 4710 - Methods for Physical Activity for Children and Adolescents **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- Lifelong Learning specialization course **Credit Hour: 3**
- Lifelong Learning specialization course **Credit Hour: 3**
- Lifelong Learning specialization course **Credit Hour: 3**

- EDG 4942 - Lifelong Learning Education Internship **Credit Hours: 3**

Teacher Education, Physical Education Track (B.S.)

College

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Major

Program Description

**College of Community Innovation and Education
School of Teacher Education
Education Complex & Gym (ED), 209**

Associate Lecturer & Secondary Education Academic Program Coordinator: Dr. Janet Andreasen
Education Complex & Gym (ED), 123Q
Janet.Andreasen@ucf.edu

The Teacher Education B.S. - Physical Education program is appropriate for students interested in opportunities for employment with formal, K-12 schools that require certification.

This Teacher Education B.S. - Physical Education program has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit <https://apq.ucf.edu/files/Licensure-Disclosure-CCIE-Teacher-Ed-BS.pdf>

Admission Requirements

- Complete the University General Education requirements or its equivalent, i.e., an AA degree from an approved Florida College System or State University System institution.
- Have a minimum 2.5 overall GPA.
- Complete EDF 2005 - Introduction to the Teaching Profession with a minimum letter grade of "C-" (1.75) or better.
- Meet the Gordon Rule Requirement.
- Meet the Foreign Language Admission Requirement.
- Pass all four parts of the General Knowledge Test (no alternatives or waivers are accepted).

Degree Requirements

- Students should see an advisor prior to registering for classes.
- The courses designated in 1 (UCF General Education Program), 2 (Education Common Program Prerequisites), and 3 (Core Requirements: Basic Level) should be completed prior to admission to the major and upper division education courses.
- Education Track: This is a state-approved, initial teacher preparation program designed in compliance with Florida Statutes and State Board of Education Rule 6A-5.066. Degree requirements are subject to change based on state mandates.

General Education (GEP)

Communication Foundations
9 Total Credits

- Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Preferred: SPC 1608 - Fundamentals of Oral Communication (3)

Cultural & Historical Foundations
9 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)

- WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
- Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Earn at least 3 credits from the following types of courses:
 - GEP 6: Take one additional course from either Cultural and Historical Foundation, Area 1 or 2. Consider that some courses also partially satisfy the Gordon Rule requirement. Preferred: MUL 2010 - Enjoyment of Music Credit (3), THE 2000 - Theatre Survey (3), PHI 2010 - Introduction to Philosophy (3)

Mathematical Foundations

6 - 7 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - Preferred: MAC 1105C - College Algebra (3) or MGF 1106 - Finite Mathematics (3)
 - Complete at least 1 courses from the following:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)
 - Preferred: STA 2014 - Principles of Statistics (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - Preferred: PSY 2012 - General Psychology (3)
 - Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)

- ECO2013 - Principles of Macroeconomics (3)
- ECO2023 - Principles of Microeconomics (3)
- POS2041 - American National Government (3)
- Preferred: POS 2041 - American National Government (3)

Science Foundations

6 - 8 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - Preferred: PSC 1121 - Physical Science (3)
 - Complete at least 1 courses from the following:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)
 - BSC 2010C - Biology I (4) is required for the major.

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

CPP

3 Total Credits

- Complete all of the following
 - A grade of "C-"(1.75) or better is required.
 - Complete the following:
 - EDF2005 - Introduction to the Teaching Profession (3)

Grand Total Credits: **3**

Degree Requirements

Core Requirements: Basic Level

17 Total Credits

- Complete all of the following
 - A grade of "C-"(1.75) or better is required. BSC 2010C - Biology I (4) is required and may be completed in the GEP.
 - Complete the following:
 - ZOO3736C - Exercise Physiology Anatomy (4)
 - ATR4132 - Human Injuries: Mechanisms & Prevention (3)
 - PEO2011 - Team Sports (3)
 - PEO2031 - Individual Sports (3)
 - Earn at least 4 credits from the following types of courses:
Elective

Core Requirements: Advanced Level
0 Total Credits

- A grade of "C-"(1.75) or better is required.

Education Core Requirements
12 Total Credits

- Complete all of the following
 - EDG 4410 - Teaching Strategies and Classroom Management (3) and TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools (3) are required prior to Internship I.
 - Complete the following:
 - EDG4410 - Teaching Strategies and Classroom Management (3)
 - EDF4467 - Learning Theory and Assessment (3)
 - TSL4080 - Theory and Practice of Teaching ESOL Students in Schools (3)
 - RED4043 - Content Reading in Kindergarten through Grade 12 (3)

Specialization Requirements
33 Total Credits

- Complete all of the following
 - A grade of "C-"(1.75) or better is required.
 - Complete the following:
 - DAE3370 - Dance and Rhythmics (3)
 - EEX4070 - Teaching Exceptional Students (3)
 - PEO3041 - Games Analysis (3)
 - PET4050C - Motor Development and Learning (3)
 - PET4325 - Functional Kinesiology (3)
 - PET3351 - Applied Exercise Physiology (3)
 - PET4401 - Administration and Evaluation in Physical Education and Sport (3)
 - PET4550C - Assessment and Evaluation in Kinesiology (3)
 - PET3820 - Teaching Sports Skills I (3)
 - PET3765 - Coaching Theory (3)
 - Earn at least 3 credits from the following types of courses:
Elective

Internship I Block
6 Total Credits

- Complete all of the following
 - Prior to Internship I, the student must have completed EDG 4410, TSL 4080, all Common Program Prerequisites, all Core Requirements: Basic Level and at least 50% of all required specialization courses indicated above with a letter grade of "C-" (1.75) or better. However, a minimum GPA of 2.5 is required in the education core, specialization and overall for admission to Internship I. Passing score on the General Knowledge Test portion of the Florida Teacher Certification Examination (FTCE) is required before entry into Internship I. Passing score on the Professional Education Test portion of the Florida Teacher Certification Examination (FTCE) is strongly recommended as soon as possible after completing the following courses: EDG 4410, EDF 4467, RED 4043, and TSL 4080. Students must apply and be approved for Internship I. Deadline dates and placement application are available through the Office of Clinical & Field Experiences at <https://ccie.ucf.edu/clinicalexp/>. A fee may be required as part of the placement application process. PET 4710 is taken concurrently with ESE 3940 - Internship I - Secondary
 - Complete the following:
 - PET4710 - Methods for Physical Activity for Children and Adolescents (3)
 - Earn at least 3 credits from the following types of courses:
ESE 3940 Internship I - Secondary

Internship II Block
10 - 15 Total Credits

- Complete all of the following
 - At least 80% of all required specialization courses and all education/methods courses must be completed with a letter grade of "C-" (1.75) or better before admission to Internship II. However, a minimum GPA of 2.5 is required in the education core, specialization and overall for admission to

Internship II. Passing scores on all sections [General Knowledge, Professional, and Subject Area (Physical Education K-12)] of the Florida Teacher Certification Examination (FTCE) are required prior to admission into Internship II. Students must apply and be approved for Internship II. Deadline dates and placement application are available through the Office of Clinical & Field Experiences at <https://ccie.ucf.edu/clinicaexp/>. A fee may be required as part of the placement application process. Satisfactory completion of Internship II requires the student to demonstrate proficiency in all Florida Educator Accomplished Practices in accordance with State Board of Education Rule 6A-5.066.

- Complete the following:
 - ESE4943 - Internship II - Secondary (7 - 12)
 - ESE4033C - Critical Issues and Trends in Secondary Education (3)

Grand Total Credits: **78 - 83**

Program Details

Restricted Electives

- None

Capstone Requirements

- None

Electives

- None

Foreign Language Requirements

Admissions

- State University System foreign language admission requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- Achieve a minimum 2.5 GPA in all courses within the major.
- Achieve a minimum 2.5 GPA in the education core coursework.
- Achieve a minimum 2.5 GPA in the specialization coursework.
- Achieve a minimum overall 2.5 GPA
- Pass all applicable sections of the Florida Teacher Certification Examination. See <http://www.fldoe.org> for test dates and test sites. Effective January 1, 2015, only examination results earned by educators within 10 years prior to the date of application for a new Florida Educator's Certificate with the Florida Department of Education may be acceptable for certification eligibility requirements (SBE Rule 6A-4.002)
- Upload all key assignments using the Via by Watermark platform. Key assignments are assessed by faculty to provide evidence of candidate proficiency in all Florida Educator Accomplished Practices (FEAPs). All teacher education candidates, Lifelong Learning majors, and Early Childhood Development & Education majors (all ECDE tracks) are required to complete Via requirements before being certified for graduation. See <https://ccie.ucf.edu/explore-via/>

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- None

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Plan of Study (120 hrs)

Teacher Education BS - Physical Education Track

Freshman Year - Fall (13 Credit Hours)

- BSC 2010C - Biology I **Credit Hours: 4**
- EDF 2005 - Introduction to the Teaching Profession **Credit Hours: 3**
- ENC 1101 - Composition I **Credit Hours: 3**

Select One: (3 Credit Hours)

- MGF 1106 - Finite Mathematics **Credit Hours: 3** or
- MAC 1105C - College Algebra **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

- Elective **Credit Hours: 3**
- PSC 1121 - Physical Science **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**
- STA 2014 - Principles of Statistics **Credit Hours: 3**

Select One: (3 Credit Hours)

- PHI 2010 - Introduction to Philosophy **Credit Hours: 3** or
- THE 2000 - Theatre Survey **Credit Hours: 3** or
- MUL 2010 - Enjoyment of Music **Credit Hours: 3**

Freshman Year - Summer (6 Credit Hours)

- POS 2041 - American National Government **Credit Hours: 3**
- PEO 2011 - Team Sports **Credit Hours: 3**

Sophomore Year - Fall (13 Credit Hours)

- PSY 2012 - General Psychology **Credit Hours: 3**

- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- AMH 2010 - U.S. History: 1492-1877 **Credit Hours: 3**
- ZOO 3736C - Exercise Physiology Anatomy **Credit Hours: 4**

Sophomore Year - Spring (13 Credit Hours)

- GEP Cultural & Historical Foundation, Area 1 Elective **Credit Hours: 3**
- ATR 4132 - Human Injuries: Mechanisms & Prevention **Credit Hours: 3**
- Select elective with advisor approval **Credit Hours: 4**
- PEO 2031 - Individual Sports **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

1 Required prior to Internship I

- PEO 3041 - Games Analysis **Credit Hours: 3**
- PET 4050C - Motor Development and Learning **Credit Hours: 3**
- EDG 4410 - Teaching Strategies and Classroom Management **Credit Hours: 3** 1
- EDF 4467 - Learning Theory and Assessment **Credit Hours: 3**
- PET 3351 - Applied Exercise Physiology **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

1 Required prior to Internship I

- PET 3820 - Teaching Sports Skills I **Credit Hours: 3**
- PET 4325 - Functional Kinesiology **Credit Hours: 3**
- DAE 3370 - Dance and Rhythmics **Credit Hours: 3**
- RED 4043 - Content Reading in Kindergarten through Grade 12 **Credit Hours: 3**
- TSL 4080 - Theory and Practice of Teaching ESOL Students in Schools **Credit Hours: 3** 1

Junior Year - Summer (6 Credit Hours)

- PET 3765 - Coaching Theory **Credit Hours: 3**
- EEX 4070 - Teaching Exceptional Students **Credit Hours: 3**

Senior Year - Fall (12 Credit Hours)

1 PET 4710 is taken concurrently with ESE 3940 - Internship I - Secondary

- ESE 3940 Internship I - Secondary **Credit Hours: 3**
- PET 4710 - Methods for Physical Activity for Children and Adolescents **Credit Hours: 3** 1
- PET 4401 - Administration and Evaluation in Physical Education and Sport **Credit Hours: 3**
- PET 4550C - Assessment and Evaluation in Kinesiology **Credit Hours: 3**

- ESE 4943 - Internship II - Secondary **Credit Hours: 9**
- ESE 4033C - Critical Issues and Trends in Secondary Education **Credit Hours: 3**

Teacher Education, World Languages Education - Lifelong Learning Track (B.S.)

College

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Major

Program Description

**College of Community Innovation and Education
School of Teacher Education
Education Complex & Gym (ED), 209**

Senior Lecturer and Secondary Education Academic Program Coordinator: Dr. Janet Andreasen
Education Complex & Gym (ED), 123H
Janet.Andreasen@ucf.edu

The Teacher Education B.S. - World Languages Education - Lifelong Learning Track (non-certification) program is specifically focused on students who wish to use their knowledge of World Languages, such as French and Spanish, to pursue educational careers outside of traditional schools. The Lifelong Learning Track prepares graduates for employment in a broad spectrum of professional opportunities including non-profits and non-traditional educational agencies. The Lifelong Learning Track is appropriate for students seeking opportunities for employment outside formal, K-12 schools that do not require certification.

Admission Requirements

- Complete the University General Education requirements or its equivalent, i.e. an AA degree from a Florida College System or State University System institution.
- Complete the EDF 2005 Introduction to Teaching Profession course with a minimum letter grade of "C-" (1.75) or better.
- Meet the Gordon Rule Requirement.
- Meet the foreign language admission requirement.
- Have a minimum 2.5 overall GPA

Degree Requirements

- Students should see an advisor prior to registering for classes
- The courses designated in 1 (UCF General Education Program) and 2 (Education Common Program Prerequisites) should be completed prior to admission to the major and upper division education courses.

General Education (GEP)

Communication Foundations
9 Total Credits

- Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)

- Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
- Preferred: SPC 1608 - Fundamentals of Oral Communication (3)

Cultural & Historical Foundations

9 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - Earn at least 3 credits from the following types of courses:
GEP 6: Take one additional course from either Cultural and Historical Foundation, Area 1 or 2.
Consider that some courses also partially satisfy the Gordon Rule requirement. Preferred: MUL 2010 - Enjoyment of Music Credit (3), THE 2000 - Theatre Survey (3), PHI 2010 - Introduction to Philosophy (3)

Mathematical Foundations

6 - 7 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - Preferred: MGF 1106 - Finite Mathematics (3)
 - Complete at least 1 courses from the following:
GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)

- STA2023 - Statistical Methods I (3)
- STA3032 - Probability and Statistics for Engineers (3)
- CGS1060C - Introduction to Computers (3)
- Preferred: STA 2014 - Principles of Statistics (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - Preferred: PSY 2012 - General Psychology (3)
 - Complete at least 1 courses from the following:
GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
 - Preferred: POS 2041 - American National Government (3)

Science Foundations

6 - 8 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - Preferred: PSC 1121 - Physical Science (3)
 - Complete at least 1 courses from the following:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)
 - Preferred: BSC 1005 - Biological Principles (3)

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

CPP

3 Total Credits

- Complete all of the following
 - A grade of "C-" (1.75) or better is required.
 - Complete the following:
 - EDF2005 - Introduction to the Teaching Profession (3)

Grand Total Credits: **3**

Degree Requirements

Core Requirements: Basic Level

6 Total Credits

- Complete all of the following
 - Students should consult advisor regarding course options. A grade of "C-" (1.75) or better is required.
 - Complete the following:
 - EDG2000 - Careers in K-12 Education (3)
 - Complete at least 1 of the following:
 - EDF2130 - Child and Adolescent Development for Educators (3)
 - EDP2270 - Adult Development & Learning (3)

Core Requirements: Advanced Level

0 Total Credits

- A grade of "C-" (1.75) or better is required.

Education Core Requirements

21 Total Credits

- Complete the following:
 - EDG4410 - Teaching Strategies and Classroom Management (3)
 - EDF4467 - Learning Theory and Assessment (3)
 - TSL4080 - Theory and Practice of Teaching ESOL Students in Schools (3)
 - RED4043 - Content Reading in Kindergarten through Grade 12 (3)
 - EEX4242 - Teaching Exceptional Students in Secondary Settings (3)
 - EDF4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools (3)
 - EDG4942 - Lifelong Learning Education Internship (3)

Lifelong Learning Track Specialization

54 Total Credits

- Complete all of the following
 - Select preferred specialization courses with advisor approval. A minimum of nine (9) hours must be taken in the content area chosen language. A minimum of twelve (12) hours must be taken in Education coursework (prefix EDF, EDG EEX, FLE, TSL, RED). Substitutions are allowed with advisor approval. A grade of "C-" (1.75) or better is required. Must have a total of 42 or more hours of upper level courses to graduate.
 - Earn at least 54 credits from the following:
 - SPN2201 - Intermediate Spanish Language and Civilization II (3)
 - SPN3300 - Advanced Spanish Grammar and Composition (3)
 - SPN3420 - Spanish Composition (3)
 - SPN3344 - Advanced Spanish Native Fluency I (3)
 - SPN3345 - Advanced Spanish Native Fluency II (3)
 - SPN3760 - Advanced Spanish Oral Communication (3)
 - SPN4410 - Advanced Spanish Conversation (3)
 - SPN4421 - Advanced Spanish Composition (3)
 - SPN4510 - Spanish Civilization and Culture (3)
 - SPN4520 - Latin American Civilization and Culture (3)
 - SPN4800 - The Syntax of Spanish (3)

- SPN4801 - Spanish Morphology (3)
- SPN4852 - Bilinguismo (3)
- SPW3100 - Survey of Spanish Literature I (3)
- SPW3101 - Survey of Spanish Literature II (3)
- SPW3130 - Survey of Latin-American Literature I (3)
- SPW3131 - Survey of Latin-American Literature II (3)
- FRE2201 - Intermediate French Language and Civilization II (3)
- FRW3100 - Survey of French Literature I (3)
- FRW3101 - Survey of French Literature II (3)
- FRE3300 - French Grammar (3)
- FRE3420 - French Composition (3)
- FRE3760 - Advanced French Oral Communication (3)
- FRE3780 - French Phonetics and Diction (3)
- FRE4421 - Advanced French Conversation (3)
- FRE4422 - Advanced French Composition (3)
- FRE4500 - French Civilization and Culture (3)
- EDG4941 - Directed Field Experience (1 - 8)
- EDG4948 - Service Learning (3)
- FLE4340 - Teaching World Languages in K-12 Schools (3)
- TSL4240 - Issues in Second Language Acquisition (3)
- TSL4520 - ESOL Cultural Diversity (3)
- TSL4942 - ESOL Field Experience (3)
- TSL4943 - L2 Academic Language Instruction (3)
- CCJ3024 - Criminal Justice System (3)
- CCJ4651 - Drugs and Crime (3)
- CCJ4670 - Women and Crime (3)
- CJE3001 - Careers in Criminal Justice (4)
- CJE3444 - Crime Prevention (3)
- COM3311 - Communication Research Methods (3)
- COM4461 - Intercultural Communication (3)
- DEP2004 - Developmental Psychology (3)
- Course Not Found
- DEP3464 - Psychology of Aging (3)
- DIG2000 - Introduction to Digital Media (3)
- EXP3604 - Cognitive Psychology (3)
- EXP3250 - Principles of Human Factors Psychology (3)
- EAB3703 - Principles of Behavior Modification (3)
- ECT4184 - Curriculum Development Techniques for Industry Training (3)
- HFT1000 - Introduction to the Hospitality and Tourism Industry (3)
- HIM3006 - Foundations of Health Information Management (HIM) (3)
- HSA4003 - The Patient Experience from an Administrator's Perspective (3)
- HSC3537 - Medical Terminology (3)
- PLA3014 - Law and the Legal System (3)
- PLA3108 - Legal Research (3)
- PLA3155 - Legal Writing (3)
- PLA3306 - Criminal Law (3)
- PLA3951H - Honors Moot Court (3)
- PLA4020 - Law and Society (3)
- SPC1603C - Fundamentals of Technical Presentations (3)
- SPC3445 - Leadership Through Oral Communication (3)
- SPC4331 - Nonverbal Communication (3)

Grand Total Credits: **81**

Program Details

Restricted Electives

- None

Capstone Requirements

- None

Foreign Language Requirements

Admissions

- State University System foreign language admission requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation

- None

Electives

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- Achieve a minimum 2.5 GPA in all courses within the major.
- Achieve a minimum 2.5 GPA in the education core coursework .
- Achieve a minimum 2.5 GPA in the specialization coursework.
- Achieve a minimum overall 2.5 GPA.
- You must upload key assignments using the Watermark platform. Key assignments are assessed by faculty to provide evidence of candidate proficiency in all Florida Educator Accomplished Practices (FEAPs). All teacher education candidates, Lifelong Learning majors, and Early Childhood Development & Education majors (all ECDE tracks) are required to complete Watermark requirements before being certified for graduation. See <https://ccie.ucf.edu/explore-via/>

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required - 120 Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- None

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Teacher Education, World Languages Education Track (B.S.)

College

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Major

Program Description

**College of Community Innovation and Education
School of Teacher Education
Education Complex & Gym (ED), 209**

Associate Professor (Education Track Contact): Dr. Michele Regalla
Education Complex & Gym (ED), 122A
407-823-0074
michele.regalla@ucf.edu

The Teacher Education B.S. - World Languages Education program offers students the option of two tracks: World Languages Education - Education Track and World Languages Education - Lifelong Learning Track (non-certification). Within the Education track, specializations are available in Spanish or French. Students pursuing the Education Track are required to complete the World Languages Education - English for Speakers of Other Languages (ESOL) Minor. The Education Track is appropriate for students interested in opportunities for employment with formal, K-12 schools that require certification.

This Teacher Education B.S. - World Languages Education program has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit <https://apq.ucf.edu/files/Licensure-Disclosure-CCIE-Teacher-Ed-BS.pdf>

Admission Requirements

- Complete the University General Education requirements or its equivalent, i.e. an AA degree from a Florida College System or State University System institution.
- Complete the EDF 2005 - Introduction to the Teaching Profession course with a minimum letter grade of "C-" (1.75) or better.
- Meet the Gordon Rule Requirement.
- Meet the foreign language admission requirement.
- Have a minimum 2.5 overall GPA

Degree Requirements

- Students should see an advisor prior to registering for classes
- The courses designated in 1 (UCF General Education Program) and 2 (Education Common Program Prerequisites) should be completed prior to admission to the major and upper division education courses.
- The Education Track is a state-approved, initial teacher preparation program designed in compliance with Florida Statutes and State Board of Education Rule 6A-5.066. Degree requirements are subject to change based on state mandates.

General Education (GEP)

Communication Foundations
9 Total Credits

- Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Preferred: SPC 1608 - Fundamentals of Oral Communication (3)

Cultural & Historical Foundations
9 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)

- EUH2001 - Western Civilization II (3)
- HUM2020 - Encountering the Humanities (3)
- HUM2210 - Studies in Culture: Ancient to 17th Century (3)
- HUM2230 - Studies in Culture: 17th Century to Present (3)
- WOH2012 - World Civilization I (3)
- WOH2022 - World Civilization II (3)
- Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Earn at least 3 credits from the following types of courses:
 - GEP 6: Take one additional course from either Cultural and Historical Foundation, Area 1 or 2. Consider that some courses also partially satisfy the Gordon Rule requirement. Preferred: MUL 2010 - Enjoyment of Music Credit (3), THE 2000 - Theatre Survey (3), PHI 2010 - Introduction to Philosophy (3)

Mathematical Foundations

6 - 7 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - Preferred: MGF 1106 - Finite Mathematics (3)
 - Complete at least 1 courses from the following:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)
 - Preferred: STA 2014 - Principles of Statistics (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)

- Preferred: PSY 2012 - General Psychology (3)
- Complete at least 1 courses from the following:
GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
- Preferred: POS 2041 - American National Government (3)

Science Foundations

6 - 8 Total Credits

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - Preferred: PSC 1121 - Physical Science (3)
 - Complete at least 1 courses from the following:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)
 - Preferred: BSC 1005 - Biological Principles (3)

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

CPP

3 Total Credits

- Complete all of the following
 - A grade of "C-"(1.75) or better is required.
 - Complete the following:
 - EDF2005 - Introduction to the Teaching Profession (3)

Grand Total Credits: **3**

Degree Requirements

Core Requirements: Basic Level

3 Total Credits

- Complete all of the following
 - A grade of "C-"(1.75) or better is required. EDF 2130 is a prerequisite for Internship I. Courses taken at Florida College System institutions may substitute for select courses in Other Program Requirements with the permission of the department.
 - Complete the following:
 - EDF2130 - Child and Adolescent Development for Educators (3)

Core Requirements: Advanced Level
0 Total Credits

- A grade of "C-"(1.75) or better is required.

Education Core Requirements
18 Total Credits

- Complete all of the following
 - EDG 4410 and TSL 4080 are prerequisites for Internship I
 - Complete the following:
 - EDG4410 - Teaching Strategies and Classroom Management (3)
 - EDF4467 - Learning Theory and Assessment (3)
 - RED4043 - Content Reading in Kindergarten through Grade 12 (3)
 - EEX4242 - Teaching Exceptional Students in Secondary Settings (3)
 - EDF4603 - Analysis and Application of Ethical, Legal, and Safety Issues in Schools (3)
 - TSL4080 - Theory and Practice of Teaching ESOL Students in Schools (3)

Education Track Specialization Requirements
15 Total Credits

- Complete all of the following
 - A grade of "C-"(1.75) or better is required.
 - Complete the following:
 - FLE4340 - Teaching World Languages in K-12 Schools (3)
 - TSL4240 - Issues in Second Language Acquisition (3)
 - TSL4520 - ESOL Cultural Diversity (3)
 - TSL4942 - ESOL Field Experience (3)
 - TSL4943 - L2 Academic Language Instruction (3)

Internship I Block
3 Total Credits

- Complete all of the following
 - Program Internship I Prerequisites: EDG 4410, TSL 4080, all Common Program Prerequisites, all Core Requirements: Basic Level, and at least 50% of all required specialization courses (including restricted electives) must be completed before doing Internship I with a minimum grade of "C-" or better. However, a minimum GPA of 2.5 is required in the education core, specialization and overall for admission into Internship I. Passing score on the General Knowledge Test portion of the Florida Teacher Certification Examination (FTCE) is recommended before entry into Internship I. Passing score on the Professional Education Test portion of the Florida Teacher Certification Examination (FTCE) is strongly recommended as soon as possible after completing the following courses: EDG 4410, EDF 4467, RED 4043, and TSL 4080. Students must apply and be approved for Internship I. Deadline dates and placement application are available through the Office of Clinical & Field Experiences at <https://ccie.ucf.edu/clinicalexp/>. A fee may be required as part of the placement application process.
 - Earn at least 3 credits from the following types of courses:
 - FLE 3940 - Internship

Internship II Block
12 Total Credits

- Complete all of the following
 - At least 80% of all required specialization courses (including restricted electives) and all education/methods courses must be completed with a letter grade of "C-" (1.75) or better before entry into Internship II. However, a minimum GPA of 2.5 is required in the education core, specialization and overall for entry into Internship II. Passing scores on all sections [General Knowledge, Professional, and Subject Area (aligned to specialization area) of the Florida Teacher Certification Examination (FTCE)] are required prior to admission into Internship II. Students must apply and be approved for Internship II. Deadline dates and placement application are available through the Office of Clinical & Field Experiences at <https://ccie.ucf.edu/clinicalexp/>. A fee may be required as part of the placement application process. Satisfactory completion of Internship II requires the student to demonstrate proficiency in all Florida Educator Accomplished Practices in accordance with State Board of Education Rule 6A-5.066.
 - Complete the following:

■ ESE4033C - Critical Issues and Trends in Secondary Education (3)

- Earn at least 9 credits from the following types of courses:
FLE 4941 - Internship

World Languages Specialization
30 Total Credits

- Complete all of the following
 - A grade of "C-"(1.75) or better is required.
 - Earn at least 30 credits from the following types of courses:
Select Spanish Specialization or French Specialization
 - Spanish (K-12) Core (27 Credit Hours) Students pursuing the World Languages Education Spanish Specialization must pass the Florida Teacher Certification Examination: Subject Area Examination - Spanish K-12 SPN 2201 - Intermediate Spanish Language and Civilization II Credit Hours: 3 SPN 3300 - Advanced Spanish Grammar and Composition Credit Hours: 3 SPN 3420 - Spanish Composition Credit Hours: 3 SPW 3100 - Survey of Spanish Literature I Credit Hours: 3 2 SPN 3760 - Advanced Spanish Oral Communication Credit Hours: 3 SPW 3101 - Survey of Spanish Literature II Credit Hours: 3 2 SPN 3344 - Advanced Spanish Native Fluency I Credit Hours: 3 SPN 3345 - Advanced Spanish Native Fluency II Credit Hours: 3 SPN 4520 - Latin American Civilization and Culture Credit Hours: 3 2 SPW 3130 and SPW 3131 may substitute for SPW 3100 and SPW 3101 Spanish Upper Division Restricted Electives (3 Credit Hours) Select 3 semester hours of an upper division Spanish course (SPN 3/4XXX) with advisor consent. The following courses are recommended: SPN 4410 - Advanced Spanish Conversation Credit Hours: 3 or SPN 4421 - Advanced Spanish Composition Credit Hours: 3 or SPN 4510 - Spanish Civilization and Culture Credit Hours: 3 or SPN 4852 - Bilinguismo Credit Hours: 3 or SPN 4800 - The Syntax of Spanish Credit Hours: 3 or SPN 4801 - Spanish Morphology Credit Hours: 3
 - French (K-12) Core (27 Credit Hours) Students pursuing the World Languages Education French Specialization must pass the Florida Teacher Certification Examination: Subject Area Examination - French K-12 FRE 2201 - Intermediate French Language and Civilization II Credit Hours: 3 FRE 3300 - French Grammar Credit Hours: 3 FRE 3420 - French Composition Credit Hours: 3 FRE 3760 - Advanced French Oral Communication Credit Hours: 3 FRW 3100 - Survey of French Literature I Credit Hours: 3 FRW 3101 - Survey of French Literature II Credit Hours: 3 FRE 3780 - French Phonetics and Diction Credit Hours: 3 FRE 4500 - French Civilization and Culture Credit Hours: 3 Select one: FRE 4421 - Advanced French Conversation Credit Hours: 3 or FRE 4422 - Advanced French Composition Credit Hours: 3 French Upper Division Restricted Electives (3 Credit Hours) Select 3 semester hours of an upper division French course (FRE 3/4XXX) with advisor consent.

Grand Total Credits: **81**

Program Details

Capstone Requirements

- None

Electives

- None

Foreign Language Requirements

Admissions

- State University System foreign language admission requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation

- None

Additional Requirements

- None

Required Minors

- World Languages Education - English for Speakers of Other Languages (ESOL)

Departmental Exit Requirements

- Achieve a minimum 2.5 GPA in all courses within the major.
- Achieve a minimum 2.5 GPA in the education core coursework.
- Achieve a minimum 2.5 GPA in the specialization coursework.
- Achieve a minimum overall 2.5 GPA.
- You must upload key assignments using the Watermark platform. Key assignments are assessed by faculty to provide evidence of candidate proficiency in all Florida Educator Accomplished Practices (FEAPs). All teacher education candidates, Lifelong Learning majors, and Early Childhood Development & Education majors (all ECDE tracks) are required to complete Watermark requirements before being certified for graduation. See <https://ccie.ucf.edu/explore-via/>
- Pass all applicable sections of the Florida Teacher Certification Examination (General Knowledge Test, Professional Education Test, and Subject Area Examination to match specialization area - Spanish K-12 or French K-12). Effective January 1, 2015, only examination results earned by educators within 10 years prior to the date of application for a new Florida Educator's Certificate with the Florida Department of Education may be acceptable for certification eligibility requirements (SBE Rule 6A-4.002)

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- None

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oemas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$12 per term
- Full-Time Student: \$24 per term

Technology and the Law Certificate

College

College of Community Innovation and Education

Department

Department of Legal Studies

Program Type

Certificate

Program Website

<https://www.ucf.edu/degree/technology-and-the-law-certificate/>

Program Contact Information

Academic Program Coordinator – Dr. Christy Foley, Christy.foley@ucf.edu

Program Academic Advisor - Sean Donovan, sean.donovan@ucf.edu

Is this program available 100% online?

Yes

Admission Requirements

None.

Program Description

The goal of the Technology and the Law Certificate is to provide students with an opportunity to study the intersection of law and technology. The certificate is designed for students who are interested in both the law and technology and it affords students to approach the material from either a law-centric or technology side. Either way, STEM students should come away with a greater appreciation of the regulatory and legal realities shaping their studies, and likewise, legal studies students will learn how some of the leading edge technological and scientific advances are requiring courts and lawmakers to reimagine the legal environment.

This 15-credit-hour certificate is earned through completion of one of two potential tracks. All certificate seeking students must complete two required courses after which they can complete 2 law and 1 STEM class for the law-centered track, or 2 STEM courses and 1 additional law class for the STEM-centered track

Degree Requirements

Required Courses

6 Total Credits

- Complete the following:
 - HIS3462 - History of Science (3)
 - PLA3871 - Law and Technology: Drones and Artificial Intelligence (3)

Tracks

9 Total Credits

- Complete 1 of the following
 - Law Centered Track
 - Complete all of the following
 - Complete at least 2 of the following:
 - PLA3277 - The Law of Torts (3)
 - PLA4410 - Intellectual Property Law and Practice (3)
 - PLA4485 - Administrative Law (3)
 - PLA4585 - Cybersecurity and the Law (3)
 - PLA4861 - Aviation Law (3)
 - Complete at least 1 of the following:
 - ANT4081 - Science, Technology, and Culture (3)
 - LIT4433 - Literature of Science and Technology (3)
 - PHI3626 - Advanced Ethics in Science and Technology (3)
 - PHI4400 - Philosophy of Science (3)
 - PUP4503 - Government and Science (3)
 - Technology Track
 - Complete all of the following
 - Complete at least 2 of the following:
 - PHI3626 - Advanced Ethics in Science and Technology (3)
 - PHI4400 - Philosophy of Science (3)
 - PHI4633 - Ethics and Biological Science (3)
 - ANT4081 - Science, Technology, and Culture (3)
 - LIT4433 - Literature of Science and Technology (3)
 - PUP4503 - Government and Science (3)
 - Complete at least 1 of the following:
 - PLA3277 - The Law of Torts (3)
 - PLA4410 - Intellectual Property Law and Practice (3)
 - PLA4485 - Administrative Law (3)
 - PLA4585 - Cybersecurity and the Law (3)
 - PLA4861 - Aviation Law (3)

Grand Total Credits: **15**

Program Details

Foreign Language Requirements

None

Total Semester Hours Required

15

Other Requirements

- A minimum overall GPA of 2.0 is required in courses used to satisfy the certificate.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit cannot be used toward the certificate.
- At least 12 hours used in the program must be earned at UCF.
- Course substitutions must be approved in advance by the Program Coordinator of the Legal Studies Program.

UCF Legal Studies/Barry Law/Touro Law (B.A. / B.S. to J.D.)**College**

College of Community Innovation and Education

Department

Department of Legal Studies

Program Type

Accelerated UndergraduateGraduate Program

Program Description

College of Community Innovation and Education
Department of Legal Studies
Dr. Phillips Academic Commons (DPAC) - UCF Downtown, 430
407-823-1670
legalstudies@ucf.edu

Academic Program Coordinator: TBA

Program Academic Advisor: TBA

Students seeking admission to either Barry University Dwayne O. Andreas School of Law in Orlando, Florida, or Touro College Jacob D. Fuchsberg Law Center in Central Islip, New York, through the accelerated legal studies program will meet all admissions requirements for the above referenced law school(s) and obtain a B.A./B.S. in Legal Studies after completion of the first year of the law school curriculum and all UCF requirements.

Admission Requirements

Students should apply for selection into this program no later than the end of the first semester of their junior year. Early student applications will also be accepted. Eligibility requirements include being a declared Legal Studies major, SAT score of 1175, high school GPA of 3.6, successful completion of a minimum of 15 credit hours of UCF course work with a 3.2 UCF GPA, completion of at least 33 credit hours of the required coursework in sections 4 and 5 below in residence at UCF, a personal statement essay, two letters of recommendation and a personal interview. More information about the admission and selection process (as well as deadlines for the application process) may be found at <http://www.ccie.ucf.edu/legalstudies/>

Degree Requirements

- Students selected by UCF faculty members for participation in the Accelerated Law Program must complete all UCF General Education Program requirements, all requirements for the major (B.A. or B.S.) in Legal Studies, and at least 90 total credit hours towards the baccalaureate degree.
- Participants must maintain a minimum 3.2 overall GPA and cumulative 3.5 GPA in all UCF legal studies coursework. Failure to achieve minimum GPA requirements in any one semester may disqualify a student from further participation in the 3+3 Accelerated Law program.
- Participating students may elect to complete their UCF bachelor's degree in residence at UCF under the following circumstances: students not accepted by Barry or Touro Law may complete their remaining requirements for graduation from UCF with a bachelor's degree; students who decide to opt out of the 3+3 Accelerated Law Program may elect to fulfill their remaining requirements for graduation from UCF with a bachelor's degree; and students who do not successfully complete their first year of course work at law school may elect to return to UCF to fulfill their remaining requirements for graduation from UCF with a bachelor's degree. Students decelerating to UCF decelerate back into the Legal Studies (B.A. or B.S.) degree program. Students decelerating to UCF are bound by the UCF catalog requirements applicable to the year the student first entered UCF. For students passing some, but not all, of their required first year classes at Barry or Touro, classes successfully completed with a grade of "C" (2.0) or better will transfer back to UCF towards the successful completion of the student's electives needed for graduation.
- Only courses with grades of "C" (2.0) or better can be transferred to UCF's legal studies' program of study.
- Students are required to consult with a departmental advisor each semester at UCF to ensure that student is wholly advised as to all specific program requirements. Failure to meet with a departmental advisor each semester constitutes grounds for dismissal from the Accelerated Law Program.

Program Details

UCF General Education Program (GEP) (36 Credit Hours)

Communication Foundations (9 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3** (Required)
- ENC 1102 - Composition II **Credit Hours: 3** (Required)
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3** (Preferred)

Cultural & Historical Foundations (9 Credit Hours)

Mathematical Foundations (6 Credit Hours)

Social Foundations (6 Credit Hours)

Science Foundations (6 Credit Hours)

Common Program Prerequisites (CPP)

- None

Core Requirements: Basic Level

- None

Core Requirements: Advanced Level (18 Credit Hours)

All core requirements must be completed with a minimum grade of "C" (2.0) to satisfy the major.

- PLA 3014 - Law and the Legal System **Credit Hours: 3**
- PLA 3108 - Legal Research **Credit Hours: 3**
- PLA 3155 - Legal Writing **Credit Hours: 3**
- PLA 3205 - Civil Practice and Procedure **Credit Hours: 3**
- PLA 3615 - Property and Real Estate Law **Credit Hours: 3**
- PLA 4703 - Professional Ethics and Liability **Credit Hours: 3**

Restricted Electives (30 Credit Hours)

Upper Division Restricted Electives (21 Credit Hours)

- 21 additional hours of Legal Studies coursework selected in consultation with an advisor

Supporting Courses (9 Credit Hours)

- Students pursuing the B.A. degree must complete nine semester hours of Supporting courses chosen with the approval of the student's advisor. Students pursuing the B.S. degree must complete fifteen hours of Supporting courses chosen with the approval of the student's advisor.

Capstone Requirements (3 Credit Hours)

Capstone must be completed with a minimum grade of "C" (2.0) to satisfy the major.

- PLA 4935 - Capstone: Legal Issues **Credit Hours: 3**

Electives

If students chose the following electives, they must complete them with a minimum grade of a "C" (2.0):

- PLA 4020 - Law and Society **Credit Hours: 3**
- PLA 4240 - Negotiation Alternatives in Law **Credit Hours: 3**
- PLA 4910 - Trial Advocacy **Credit Hours: 3**

Foreign Language Requirements

BAdmissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- BA: Proficiency equivalent to two semesters of college instruction in a foreign language or in American Sign Language (ASL). Standardized examinations for foreign languages may be used. ASL proficiency is met by successful completion of ASL 2140 and ASL 2150 or an appropriate score on the ASL proficiency exam. Contact the Department of Communication Sciences and Disorders (<https://healthprofessions.ucf.edu/csd/>) regarding the ASL proficiency examination.
- BS: Proficiency equivalent to one semester of college instruction in a foreign language or one course with a multicultural dimension. Standardized examinations for foreign languages may be used to meet the requirement

Additional Requirements

- Students in the accelerated program will complete the following courses in their first year at either Barry or Touro Law:

Barry Law School:

Fall Semester

- LAW 5307 Contracts I **Credit Hours: 3**
- LAW 5101 Civil Procedure I **Credit Hours: 3**
- LAW 5228 Property I **Credit Hours: 3**
- LAW 5109 Torts I **Credit Hours: 3**
- LAW 5010 Legal Research and Writing I **Credit Hours: 3**

Spring Semester

- LAW 5407 Contracts II **Credit Hours: 3**
- LAW 5201 Civil Procedure II **Credit Hours: 2**
- LAW 5328 Property II **Credit Hours: 2**
- LAW 5209 Torts II **Credit Hours: 2**
- LAW 5020 Legal Research and Writing II **Credit Hours: 3**
- LAW 5106 Criminal Law **Credit Hours: 3**

Touro Law School

Fall Semester

- LAW 643 - Legal Process I **Credit Hours: 3**
- LAW 671 - Civil Dispute Resolution and Procedure I **Credit Hours: 3**
- LAW 610 - Contracts I **Credit Hours: 3**
- LAW 615 - Torts I **Credit Hours: 3**
- LAW 617 - Criminal Law I **Credit Hours: 3**

Spring Semester

- LAW 633 - Legal Process II **Credit Hours: 3**

- LAW 672 - Civil Dispute Resolution and Procedure II **Credit Hours: 3**
- LAW 611 - Contracts II **Credit Hours: 3**
- LAW 628 - Torts II **Credit Hours: 3**
- LAW 631 - Property I **Credit Hours: 3**

Required Minors

- None

Departmental Exit Requirements

- For the accelerated program, the degree is awarded after successful completion of the first year of law school at either Barry or Touro Law and completion of all UCF requirements. All course work must be at the "C" (2.0) level or higher for transfer purposes.
- The accelerated program student must have completed all of the UCF General Education Program Requirements, all requirements for the Legal Studies Major, and a minimum of 90 combined credit hours of work at UCF before matriculating to law school under this program.
- Students must earn the equivalent of 120 hours of course work (UCF and Law School (first year or second year of Law School credit hours) before receipt of a UCF Legal Studies Degree.
- For students decelerating to the 4 year B.A./B.S. program, the student must complete all coursework in the baccalaureate curriculum as shown for a Legal Studies B.A./B.S. degree as specified in the catalog and all university requirements, including the completion of 120 credit hours.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- None

Related Programs

- Criminal Justice (B.A. or B.S.)
- History (B.A.)
- Political Science (B.A.)
- English - Pre-Law Track

Certificates

- None

Related Minors

- None

Advising Notes

- None

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Shared Courses

- None

Graduate Courses Link

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Urban and Regional Planning Minor

College

College of Community Innovation and Education

Department

School of Public Administration

Program Type

Minor

Program Description

**College of Community Innovation and Education
School of Public Administration
Dr. Phillips Academic Commons (DPAC) - UCF Downtown, 446**

**<https://ccie.ucf.edu/public-administration/urban-regional-planning/>
407-823-2604**

Undergraduate Programs Director: Dr. Stephanie Krick
stephanie.krick@ucf.edu

Urban and regional planning is one area of public administration that has seen considerable growth over the past few years. Areas like Central Florida need many professionals who assist government, communities, and private sector planning organizations to provide growth that is environmentally feasible, aesthetically attractive, socially and politically acceptable, technically sustainable, and economically dynamic. This minor looks at all of these diverse and competing interests, and provides the basics for those interested in employment in this area of great demand. Students who pursue a minor in urban and regional planning may find positions as a city planner, urban designer, planning specialist, environmental program manager, or economic development specialist, among others.

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

18 Total Credits

- Complete the following:
 - PAD3330 - Urban and Regional Planning (3)
 - PAD4712 - Information Systems for Public Managers and Planners (3)
 - PAD4331 - Land Use and Planning (3)
 - PAD4334 - Urban Design (3)
 - PAD4253 - Community & Economic Development (3)
 - PAD4351 - Issues in Environmental Program Management (3)

Grand Total Credits: 18

Program Details

Restricted Electives

none

Suggested Courses

Students in the Minor program are strongly encouraged to take the following courses as electives to enhance their understanding of the field.

- PAD 4390 - Hazard Mitigation and Preparedness **Credit Hours: 3**
- PAD 4392 - Emergency Management and Homeland Security **Credit Hours: 3**
- PAD 4803 - Issues in Urban Administration **Credit Hours: 3**
- PAD 4822 - Intergovernmental Administration **Credit Hours: 3**

Foreign Language Requirements

- None

Other Requirements

- Students must earn a "C-" (1.75) or better in each course in the minor.
- Students must earn an overall GPA of 2.0 in the minor.
- At least 15 hours used in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit cannot be used toward the minor without prior approval.

Urban Real Estate and Development Certificate

College

College of Community Innovation and Education

Department

Department of Legal Studies

Program Type

Certificate

Program Website

<https://www.ucf.edu/degree/urban-real-estate-and-development-certificate/>

Program Contact Information

College of Community Innovation and Education
Legal Studies Department
Dr. Phillips Academic Commons (DPAC) - UCF Downtown, 430
407-823-1670
legalstudies@ucf.edu

Program Academic Advisor: Sean Donovan, sean.donovan@ucf.edu

College of Business Administration
Finance Department
Business Administration I (BS1), 409
407-823-3575

Assistant Chair, Finance Executive in Residence & CFO, Rini Technologies, Inc.: Paul P. Gregg M.S.A.
C.P.A.
407-823-3156
paul.gregg@ucf.edu

Is this program available 100% online?

Yes

Program Description

The Urban Real Estate and Development Certificate provides an interdisciplinary focus on real estate, development, and law in an urban setting. With over 80% percent of Americans living in an urban environment and more working in cities, this certificate provides students with the marketable skills to understand the law, financing, and societal aspirations in urban development. The certificate will attract students interested in business, law, real estate, banking, government and private firms. Finally, the UCF downtown campus is situated in an urban environment, providing the most appropriate real-world setting for this certificate.

The Urban Real Estate and Development Certificate is an interdisciplinary partnership between the Legal Studies Department, the College of Business, and the School of Public Administration.

Prerequisite Admission Courses

- Complete all of the following
 - It is strongly recommended students complete FIN2100 Personal Finance in addition to the required course listed below.
 - Complete the following:
 - FIN3403 - Business Finance (3)

Degree Requirements

Required Courses

3 Total Credits

- Complete all of the following
 - Complete the following:
 - Course Not Found
 - Course Not Found
 - REE3043 - Fundamentals of Real Estate (3)
 - Students must satisfy the prerequisites, if any, for each course before enrolling in the class.

Restricted Electives

6 Total Credits

- Complete all of the following
 - *Students must satisfy the prerequisites, if any, for each course before enrolling in the class. Student should select electives with the assistance of an advisor*
 - Complete at least 1 of the following:
 - REE4103 - Real Estate Appraisal and Valuation (3)
 - REE4303 - Real Estate Investment Analysis (3)
 - REE4312 - Real Estate Market Analysis (3)
 - Complete at least 1 of the following:
 - PAD3330 - Urban and Regional Planning (3)
 - PAD4331 - Land Use and Planning (3)
 - PAD4334 - Urban Design (3)
 - PLA4485 - Administrative Law (3)
 - PLA4464 - Bankruptcy Law (3)
 - PLA4436 - Florida Partnerships and Corporations (3)

Grand Total Credits: **9**

Program Details

Foreign Language Requirements

None

Total Semester Hours Required

15

Other Requirements

- A minimum overall GPA of 2.0 is required in courses used to satisfy the certificate.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit cannot be used toward the certificate.
- At least 12 hours used in the program must be earned at UCF.

Victim Advocacy Certificate

College

College of Community Innovation and Education

Department

Department of Criminal Justice

Program Type

Certificate

Program Description

College of Community Innovation and Education

Criminal Justice Department

Health Sciences I (HS1), 311

407-823-2603

cjadvice@ucf.edu

Assistant Professor: Dr. Bethany Backes

Bethany.Backes@ucf.edu

The Criminal Justice System can be difficult for crime victims to navigate. This Certificate in Victim Advocacy provides a theoretical and practical knowledge base for professionals in various fields who work or plan to work with and advocate for crime victims. The program requires 15 hours of undergraduate work. Courses are offered by the Criminal Justice Department, the College of Nursing, the Sociology Department, and the School of Social Work. Certificates will be awarded only at the time of degree completion. This certificate can be completed online and is therefore open to UCF online students.

Certificate Admission Requirements

- None

Certificate Requirements

- Students are required to take courses as specified below and to declare the Certificate.

Prerequisite Courses

- There are no certificate program prerequisites; however individual courses may have prerequisites.

Degree Requirements

15 Total Credits

- Complete all of the following
 - Required Courses
 - Complete the following:
 - CCJ3667 - Victims and the CJ System (3)
 - CCJ4670 - Women and Crime (3)
 - CCJ4681 - Domestic Violence and the Justice System (3)
 - CCJ4632 - Older Adults and the Criminal Justice System (3)
 - Restricted Electives
 - Complete at least 1 of the following:
 - SYP4521 - Crime Victims in Society (3)
 - NUR4516 - Crisis Intervention (3)
 - SOW4754 - Forensic Social Work Theory and Practice (3)
 - CJJ4564 - Juvenile Justice System (3)
 - CCJ4690 - Sex Offenders and the Criminal Justice System (3)
 - CCJ4129 - Cultural Diversity in Criminal Justice (3)

Grand Total Credits: **15**

Program Details

Foreign Language Requirements

- None

Other Requirements

- A minimum overall GPA of 2.0 is required in courses used to satisfy the certificate.
- At least 12 hours used in the program must be earned at UCF.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit cannot be used toward the certificate.
- Course substitutions must be approved by the department in advance.

World Languages Education, English for Speakers of Other Languages (ESOL) Minor

College

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Minor

Program Description

College of Community Innovation and Education School of Teacher Education Education Complex & Gym (ED), 209

Instructor: Irina McLaughlin
irina.mclaughlin@ucf.edu

World Languages Education - English for Speakers of Other Languages (ESOL) Education minor is intended for College of Community Innovation and Education students in undergraduate initial certification programs. The World Languages Education - ESOL minor is intended for Education majors and is well suited for College of Community Innovation and Education students majoring in secondary content areas. This minor is not available to students in pending status in a College of Community Innovation and Education major. Students who successfully complete this minor can expect to increase their marketability in educational professions that serve English learners. This minor is designed to promote student success in Pre-K through 12 instructional settings but does not directly qualify students for teacher certification or admission into the College of Community Innovation and Education.

Admission Requirements

- Minimum 2.5 overall GPA.
- Complete the University General Education Program requirements or the equivalent i.e., an AA degree from a Florida College System or State University System institution.

Minor Requirements

- Students should see an advisor prior to registering for classes. A grade of "C" (2.0) or better is required in each course used to satisfy the minor. At least 12 hours used in the minor must be earned at UCF.

Prerequisite Courses

- None

Degree Requirements

18 Total Credits

- Complete all of the following
 - Required Courses
 - Complete the following:
 - EDG4410 - Teaching Strategies and Classroom Management (3)
 - EDF4467 - Learning Theory and Assessment (3)
 - TSL4080 - Theory and Practice of Teaching ESOL Students in Schools (3)
 - TSL4943 - L2 Academic Language Instruction (3)
 - TSL4942 - ESOL Field Experience (3)
 - TSL 4943 and TSL 4942 must be taken concurrently.
 - Students enrolled in an ESOL Endorsed education program (Elementary Education, Exceptional Education, Early Childhood Education, and English Languages Arts Education), must take TSL 4240. Students in non-ESOL endorsed education programs or non-education majors must take TSL 4945.
 - Complete at least 1 of the following:
 - TSL4240 - Issues in Second Language Acquisition (3)
 - TSL4945 - ESOL Clinical Experience (3)

Grand Total Credits: 18

Program Details

Restricted Electives

- None

Foreign Language Requirements

- None

Other Requirements

- None

World Languages Education, Languages Other Than English (LOTE) Minor**College**

College of Community Innovation and Education

Department

School of Teacher Education

Program Type

Minor

Program Description

**College of Community Innovation and Education
School of Teacher Education
Education Complex & Gym (ED), 220L**

Associate Professor: Dr. Michele Regalla
Education Complex & Gym (ED), 122A
407-823-0074
michele.regalla@ucf.edu

The World Languages Education - Languages Other Than English (LOTE) minor is intended for non-World Languages Education - Languages Other Than English (LOTE) majors. It is well suited for College of Community Innovation and Education, School of Teacher Education students majoring in another secondary/K-12 content area. It is also intended to provide for university students outside the School of Teacher Education (such as students enrolled in Interdisciplinary Studies, International and Global Studies, or programs in the Department of Modern Languages and Literatures) a limited but substantial experience in the field of professional education. This minor is not available to students in pending status in a School of Teacher Education major. Students who successfully complete this minor can expect to increase their marketability in careers that include educational components such as instructing, training, and lecturing. This minor is designed to promote student success in instructional settings, particularly in the K-12 school setting, but does not directly qualify students for teacher certification or admission into the College of Community Innovation and Education.

Minor Admission Requirements

- Minimum 2.5 overall GPA.
- Complete the University General Education Program requirements or the equivalent, i.e., an AA degree from a Florida College System or State University System institution.

Minor Requirements

- Students should see an advisor prior to registering for classes. A grade of "C" (2.0) or better is required in each course used to satisfy the minor. At least 12 hours used in the minor must be earned at UCF.
- For students intending on pursuing teaching certification after graduation, it is recommended to complete 18 credits of coursework in a chosen language.

Prerequisite Courses

- None

Degree Requirements

18 Total Credits

- Complete the following:
 - EDG4410 - Teaching Strategies and Classroom Management (3)
 - EDF4467 - Learning Theory and Assessment (3)
 - TSL4080 - Theory and Practice of Teaching ESOL Students in Schools (3)
 - TSL4520 - ESOL Cultural Diversity (3)
 - TSL4943 - L2 Academic Language Instruction (3)
 - FLE4340 - Teaching World Languages in K-12 Schools (3)

Grand Total Credits: 18

Program Details

Restricted Electives

- None

Foreign Language Requirements

- None

Other Requirements

- Students should see an advisor prior to registering for classes
- For students intending on pursuing teaching certification after graduation, it is recommended to complete 18 hrs of courses in a language other than English
- At least 12 hours in the minor must be earned at UCF
- Obtain a minimum 2.5 GPA in courses required for minor

College of Engineering and Computer Science

Aerospace Engineering (B.S.A.E.)

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

Program Type

Major

Program Contact Information

College of Engineering & Computer Science
Department of Mechanical and Aerospace Engineering
Engineering Building I (ENG1), 381
407-823-2416
MAEadvising@ucf.edu

Associate Chair: Dr. Hyoungh Jin "Joe" Cho
407-823-5448
hjcho@ucf.edu

Program Manager, Academic Programs: Lynn Grabenhorst
407-823-5448
Lynn.Grabenhorst@ucf.edu

Program Description

Admission Requirements

- Students wanting to declare a major in an engineering discipline must be in good academic standing and must have a "C" (2.0) or better in each of the following courses or their equivalents: MAC 2311C, MAC 2312, PHY 2048C, and CHM 2045C or CHS 1440.
- Students wanting to declare a major in an engineering discipline must complete a change of major in the term of completion of the final pending prerequisite course(s) listed above.

Degree Requirements

- The Mechanical and Aerospace Engineering Department requires all students in the Aerospace Engineering Major to earn a "C" (2.0) or Better in the following sections: Common Program Pre-requisites (CPP), Core Requirements Basic Level, Core Requirements - Advanced Level, Restricted / Approved Technical Electives, and Capstone Requirement.
- Students in the Aerospace Engineering major are expected to make consistent good progress toward their degrees to remain enrolled in, or eligible for, any major in the College of Engineering & Computer Science (CECS) or the College of Optics and Photonics (COP). Therefore, any student majoring in Aerospace Engineering who repeats any UCF course and does not earn a grade of "C" (2.0) or better on the second attempt will be placed on Lack of Progress Probation and remain on Lack of Progress Probation as long as the student is enrolled in a CECS or COP major. If a student on Lack of Progress Probation does not receive a grade of "C" (2.0) or better by the third attempt in the same UCF course, the student will be excluded from all CECS and COP majors. Any student majoring in Aerospace Engineering who has accumulated 7 or more unsuccessful attempts (i.e., grades below "C" (2.0) and withdrawals) over all courses taken at UCF will be placed on Lack of Progress Probation and remain on Lack of Progress Probation as long as the student is enrolled in a CECS or COP major. If a student on Lack of Progress Probation has a tenth unsuccessful attempt over all courses taken at UCF, the student will be excluded from all CECS and COP majors.
- A student who is excluded from CECS and COP majors may seek readmission to a major in CECS or COP after at least one full year has passed since exclusion. Readmission is not automatic and is dependent upon a high probability of success after readmission. Any student who is readmitted to the Aerospace Engineering major will be subject to all probation conditions that applied at the time of exclusion.

General Education (GEP)

- Complete all of the following
 - The UCF General Education Program (GEP) is described in the General Education Program section, located elsewhere in this catalog. Engineering students should closely study the requirements of the UCF GEP and the allowable substitutions detailed in Communication Foundations through Science Foundations below to minimize excess hours. Students transferring to UCF from the Florida College System or State University System should complete the GEP and the Common Program Prerequisites before transferring.
 - Communication Foundations
 - Complete all of the following
 - Complete the following:
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 of the following:
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Preferred: SPC 1603C
 - Suggested: SPC 1608
 - Cultural & Historical Foundations
 - Complete all of the following
 - Earn at least 6 credits from the following types of courses:
Historical Foundations
 - Earn at least 3 credits from the following types of courses:
Cultural Foundations
 - Mathematical Foundations
 - Complete all of the following
 - Required:
 - Complete the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)

- STA3032 - Probability and Statistics for Engineers (3)
- Social Foundations
 - Complete all of the following
 - Preferred:
 - Complete at least 1 of the following:
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - Earn at least 3 credits from the following course sets:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
- Science Foundations
 - Complete all of the following
 - Suggested
 - Earn at least 4 credits from the following course sets:
 - PHY 2048C
 - PHY2048C - General Physics Using Calculus I Studio (4)
 - PHY 2048 and 2048L
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2048L - General Physics Using Calculus I Laboratory (1)
 - Earn at least 3 credits from the following course sets:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **38**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - These courses are specifically required for all engineering students of the Florida State University System. CPP courses are also available at other Florida post-secondary schools and may be transferred directly to UCF programs. All students must earn a grade of "C" (2.0) or better in Common Program Pre-Requisites.
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information.
 - Earn at least 15 credits from the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - MAC2313 - Calculus with Analytic Geometry III (4)
 - MAP2302 - Ordinary Differential Equations I (3)
 - PHY2048C - General Physics Using Calculus I Studio (4)
 - PHY2049C - General Physics Using Calculus II Studio (4)
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information.
 - GEP Course: PHY 2048C
 - Complete at least 1 of the following:
 - CHS1440 - Principles of Chemistry (4)
 - CHM2045C - Chemistry Fundamentals I (4)

Grand Total Credits: **19**

Degree Requirements

Core Requirements: Basic Level
2 Total Credits

- Complete all of the following
 - The College of Engineering & Computer Science requires all engineering students to achieve a minimum 2.250 GPA in completing these courses, together with the core requirements, restricted electives, and senior design courses listed below.
 - All students must earn a grade of "C" (2.0) or better in:
 - Complete the following:
 - EGS1006C - Introduction to the Engineering Profession (1)
 - EGN1007C - Engineering Concepts and Methods (1)

Core Requirements: Advanced Level
54 Total Credits

- Earn at least 54 credits from the following:
 - STA3032 - Probability and Statistics for Engineers (3)
 - COP3223C - Introduction to Programming with C (3)
 - EGN3310 - Engineering Analysis-Statics (3)
 - EGN3321 - Engineering Analysis-Dynamics (3)
 - EGN3343 - Thermodynamics (3)
 - EGM3601 - Solid Mechanics (3)
 - EMA3706 - Structure and Properties of Aerospace Materials (3)
 - EGN3373 - Principles of Electrical Engineering (3)
 - EML3034C - Modeling Methods in Mechanical and Aerospace Engineering (3)
 - EML3701 - Fluid Mechanics I (3)
 - EAS3800C - Aerospace Engineering Measurements (3)
 - EAS4200 - Analysis & Design of Aerospace Structures (3)
 - EAS4505 - Orbital Mechanics (3)
 - EML4225 - Introduction to Vibrations and Controls (3)
 - EAS3101 - Fundamentals of Aerodynamics (3)
 - EAS4105 - Flight Mechanics (3)
 - EAS4134 - High-Speed Aerodynamics (3)
 - EAS4300 - Aerothermodynamics of Propulsion Systems (3)

Restricted Electives
9 Total Credits

- Complete all of the following
 - Earn at least 9 credits from the following types of courses:
Technical electives are available in the BSAE program to address specific student interests in a variety of technical areas. Students can obtain the updated list of the approved technical electives from the Department website (<http://mae.ucf.edu/advising/undergraduate-forms/>).
 - All students must earn a grade of "C" (2.0) or Better in Restricted Electives.

Capstone Requirements
6 Total Credits

- Complete all of the following
 - All students must earn a grade of "C" (2.0) or Better in Capstone Requirements.
 - These courses provide capstone design experiences and must be completed in the last 2 major semesters of study before graduation.
 - CECS encourages all engineering students to take the Fundamentals Exam during their senior year.
 - Complete the following:
 - EAS4700C - Aerospace Design I (3)
 - EAS4710C - Aerospace Design II (3)

Grand Total Credits: **71**

Program Details

Electives

- None

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- A minimum of a 2.25 GPA in major courses is required for graduation.
- A grade of "C" (2.0) or better is required in all major courses.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 48 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Career and Academic Advising

The department requires all students in the program meet with a faculty member for advising on career and academic issues. These courses must be taken in sequence during the 3rd and 4th year.

- EAS 3933 - Aerospace Career and Academic Faculty Advising I **Credit Hours: 0**

- EAS 4931 - Aerospace Career and Academic Faculty Advising II **Credit Hours: 0**

Total Undergraduate Credit Hours Required: 128

Additional Information

Honors In Major

- None

Related Programs

- Mechanical Engineering (B.S.M.E.)

Certificates

- Engineering Leadership Certificate

Related Minors

- Intelligent Robotic Systems (IRS), Interdisciplinary Minor
- Engineering Leadership Minor

Advising Notes

- Double Degree/Double Major requirements listed under college section of the catalog.
- This Aerospace Engineering program has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit <https://apq.ucf.edu/files/Licensure-Disclosure-CECS-Aerospace-Engineering-BS-June2020.pdf>

Career and Academic Advising

- The department requires all students in the program to meet with a faculty member for advising on career and academic issues. These courses must be taken in sequence during the 3rd and 4th year.
 - EAS 3933 - Aerospace Career and Academic Faculty Advising I Credit Hours: 0
 - EAS 4931 - Aerospace Career and Academic Faculty Advising II Credit Hours: 0
 - This Aerospace Engineering program has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit <https://apq.ucf.edu/files/Licensure-Disclosure-CECS-Aerospace-Engineering-BS.pdf>

Transfer Notes

- EGS 1006C and EGN 1007C are required courses for incoming freshman students only. The two credit hours for these courses will be substituted by an approved Aerospace Engineering Elective for transfer students.
- Courses transferred must be formally evaluated for equivalency credit. The student must provide all supporting information with his/her petition for this evaluation.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$45 per term
- Full-Time Student: \$90 per term

Plan of Study (128 Credit Hours)

- The tentative course schedule listed below is a guide for those students who plan on completing their degree in four years. All engineering students should meet with their faculty advisor to develop and maintain an appropriate plan of study.

Freshman Year - Fall (12 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- EGS 1006C - Introduction to the Engineering Profession **Credit Hours: 1**
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**

Select One: (4 Credit Hours)

1 Preferred

- CHS 1440 - Principles of Chemistry **Credit Hours: 4** 1
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**

Freshman Year - Spring (15 Credit Hours)

- EGN 1007C - Engineering Concepts and Methods **Credit Hours: 1**
- ENC 1102 - Composition II **Credit Hours: 3**
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**
- GEP Select One **Credit Hours: 3**

Select One: (3 Credit Hours)

- SPC 1603C - Fundamentals of Technical Presentations **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**

Freshman Year - Summer (10 Credit Hours)

- MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4**
- EGN 3310 - Engineering Analysis-Statics **Credit Hours: 3**
- COP 3223C - Introduction to Programming with C **Credit Hours: 3**

Sophomore Year - Fall (13 Credit Hours)

- EGN 3321 - Engineering Analysis-Dynamics **Credit Hours: 3**
- EMA 3706 - Structure and Properties of Aerospace Materials **Credit Hours: 3**
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**
- MAP 2302 - Ordinary Differential Equations I **Credit Hours: 3**

Sophomore Year - Spring (12 Credit Hours)

- EGN 3373 - Principles of Electrical Engineering **Credit Hours: 3**
- EGN 3343 - Thermodynamics **Credit Hours: 3**
- EGM 3601 - Solid Mechanics **Credit Hours: 3**
- GEP **Credit Hours: 3**

Sophomore Year - Summer (9 Credit Hours)

- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- EML 3034C - Modeling Methods in Mechanical and Aerospace Engineering **Credit Hours: 3**
- EAS 3933 - Aerospace Career and Academic Faculty Advising I **Credit Hours: 0**
- EML 3701 - Fluid Mechanics I **Credit Hours: 3**
- EAS 3800C - Aerospace Engineering Measurements **Credit Hours: 3**
- EAS 4200 - Analysis & Design of Aerospace Structures **Credit Hours: 3**
- GEP **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- EAS 4505 - Orbital Mechanics **Credit Hours: 3**
- EML 4225 - Introduction to Vibrations and Controls **Credit Hours: 3**
- EAS 3810C - Design of Aerospace Experiments **Credit Hours: 3**
- EAS 3101 - Fundamentals of Aerodynamics **Credit Hours: 3**
- GEP **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- EAS 4700C - Aerospace Design I **Credit Hours: 3**
- EAS 4931 - Aerospace Career and Academic Faculty Advising II **Credit Hours: 0**
- EAS 4105 - Flight Mechanics **Credit Hours: 3**
- EAS 4134 - High-Speed Aerodynamics **Credit Hours: 3**
- Approved Technical Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- EAS 4710C - Aerospace Design II **Credit Hours: 3**
- EAS 4300 - Aerothermodynamics of Propulsion Systems **Credit Hours: 3**
- Approved Technical Elective **Credit Hours: 3**
- Approved Technical Elective **Credit Hours: 3**

Aerospace Engineering (B.S.A.E. /M.S.A.E., M.S.M.E. or M.S.BM.E)

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

Program Type

Accelerated UndergraduateGraduate Program

Program Contact Information

College of Engineering & Computer Science
Mechanical and Aerospace Engineering Department
Engineering Building I (ENG1), 381
407-823-2416
MAEadvising@ucf.edu

Graduate Program Coordinator: *Dr. Jihua "Jan" Gou*
407-823-5448
jihua.gou@ucf.edu

Academic Advising Coordinator: *Gabriela Laboy*
407-823-5448
Gabriela.Laboy@ucf.edu

Program Description

Admission Requirements

- See Common Program Prerequisites .
- Qualified students may apply after completion of a minimum of 64 credit hours.
- Completion of no more than 96 credit hours.
- Admission to the Accelerated Program does not guarantee formal admission to the MSAE, MSME or MSBME program.
- Admission is not automatic. Interested students may need to be interviewed.

Degree Requirements

- The Mechanical and Aerospace Engineering Department requires all students in the Aerospace Engineering Major to earn a "C" (2.0) or Better in the following sections: Section 2: Common Program Prerequisites (CPP), Section 3: Core Requirements- Basic Level, Section 4: Core Requirements - Advanced Level, Section 5: Restricted / Approved Technical Electives, and Section 6: Capstone Requirement.

General Education (GEP)

- Earn at least 38 credits from the following course sets:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)

- HUM2230 - Studies in Culture: 17th Century to Present (3)
- WOH2012 - World Civilization I (3)
- WOH2022 - World Civilization II (3)
- GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
- GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)
- GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
- GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
- GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
- GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)

- GLY2038 - Environmental Geoscience (3)
- MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
- MET2104 - The Earth's Climate (3)

Grand Total Credits: **38**

Common Program Prerequisites (CPP) (If applicable)

- Earn at least 19 credits from the following types of courses:
See list in the catalog for the CPP requirements.

Grand Total Credits: **19**

Degree Requirements

Core Requirements: Basic Level
2 Total Credits

- Complete all of the following
 - The College of Engineering & Computer Science requires all engineering students to achieve a minimum 2.250 GPA in completing these courses, together with the core requirements, technical elective courses and senior design courses listed. Independent study courses generally do not satisfy major requirements.
 - Complete the following:
 - EGS1006C - Introduction to the Engineering Profession (1)
 - EGN1007C - Engineering Concepts and Methods (1)

Core Requirements: Advanced Level
54 Total Credits

- Complete all of the following
 - Earn at least 54 credits from the following:
 - EGN3310 - Engineering Analysis-Statics (3)
 - COP3223C - Introduction to Programming with C (3)
 - EGN3343 - Thermodynamics (3)
 - EMA3706 - Structure and Properties of Aerospace Materials (3)
 - EGN3373 - Principles of Electrical Engineering (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - EAS3101 - Fundamentals of Aerodynamics (3)
 - EAS3800C - Aerospace Engineering Measurements (3)
 - EAS3810C - Design of Aerospace Experiments (3)
 - EAS4105 - Flight Mechanics (3)
 - EAS4134 - High-Speed Aerodynamics (3)
 - EAS4300 - Aerothermodynamics of Propulsion Systems (3)
 - EML3034C - Modeling Methods in Mechanical and Aerospace Engineering (3)
 - EGM3601 - Solid Mechanics (3)
 - EAS4200 - Analysis & Design of Aerospace Structures (3)
 - EGN3321 - Engineering Analysis-Dynamics (3)
 - EML4225 - Introduction to Vibrations and Controls (3)
 - EML3701 - Fluid Mechanics I (3)
 - EML4142 - Heat Transfer (3)
 - GEP Course: STA 3032

Restricted Electives
9 Total Credits

- Complete all of the following
 - Earn at least 9 credits from the following types of courses:
Technical electives should be taken at the 5000 or 6000 level and are available in the BSAE program to address specific student interests in a variety of technical advisor for a list of the approved technical electives and the semesters when specific courses of this type are to be offered.
 - Please Note: The Accelerated B.S. to M.S. Program allows students to complete up to a maximum of 12 credit hours of Graduate level course work for technical elective credit.

Capstone Requirements
6 Total Credits

- Complete all of the following
 - These courses are a capstone experience to your engineering program and should be completed in your last 2 major semesters of study.
 - CECS encourages all engineering students to take the Fundamentals Exam during their senior year.
 - Complete the following:
 - EAS4700C - Aerospace Design I (3)
 - EAS4710C - Aerospace Design II (3)

Grand Total Credits: **71**

Program Details

Electives

- None

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- A minimum of a 2.25 GPA in major courses is required for graduation.
- A grade of "C" (2.0) or better is required in all major courses.

University Minimum Exit Requirements

- A 2.0 UCF GPA

- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 128

Total Combined Credit Hours Required: 146

Additional Information

Honors In Major

- None

Related Programs

- Mechanical Engineering (B.S.M.E.)

Certificates

- None

Related Minors

- Intelligent Robotic Systems (IRS), Interdisciplinary Minor
- Engineering Leadership Minor

Advising Notes

- The baccalaureate degree will be awarded when program requirements for the BS are met and students have completed a minimum of 128 hours of credit. Students will then be reclassified as graduate students. The MSAE, MSME or MSBME will be awarded on completion of the total program of study.
- The following will be waived for this joint degree program: The limit of nine hours to be shared between undergraduate and graduate programs. Undergraduate students taking graduate courses must be within nine hours of graduation. Undergraduate students taking graduate courses must not register for more than a total of twelve hours in that semester.
- This Aerospace Engineering program has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit **<https://apq.ucf.edu/files/Licensure-Disclosure-CECS-Aerospace-Engineering-BS-June2020.pdf>**

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Shared Courses (12 Credit Hours)

- Up to 12 credit hours of approved 5000 and 6000 level courses of grades B (3.0) or better may be counted towards the BS and Masters degrees. These 12 credit hours will meet either technical elective or course requirements for the major. Contact the Graduate Coordinator in the Mechanical and Aerospace Engineering department for a list of acceptable courses.

Graduate Courses Link

- <http://www.graduatecatalog.ucf.edu/content/Courses.aspx>

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oemas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$45 per term
- Full-Time Student: \$90 per term

Bioengineering Minor

College

College of Engineering and Computer Science

Program Type

Minor

Program Contact Information

College of Engineering & Computer Science
Department of Mechanical and Aerospace Engineering
Engineering I Building (ENG1), 107

Biomedical Engineering Program Coordinator: Dr. Alain Kassab

Engineering Track
 407-823-5778
alain.kassab@ucf.edu

Computer Science Department Chair: Yan Solohin

Computer Science Track
 407-823-4758
Gary.Leavens@ucf.edu

Program Description

The Bioengineering minor prepares engineering and computer science students to pursue graduate academic and professional careers serving a wide range of the medical arena in research and development. Candidates completing this minor will also satisfy course admissions requirements for the UCF Medical School and other medical schools in the US. Engineering and computer science students interested in pursuing an MD degree at UCF or elsewhere are strongly encouraged to seek further advisement from the Office of Pre-Health and Pre-Law Advising. The minor constitutes up to: (a) for the engineering track 21 hours of coursework over the requirements for a bachelor of science degree in an engineering discipline at UCF, and (b) a minimum 17 hours of coursework over the requirements for a bachelors of science degree in computer science at UCF.

Minor Admission Requirements

- Well-qualified students in the College of Engineering & Computer Science with a cumulative UCF GPA of 3.0 or better are welcome to enter the minor. In order to remain in the program, students must maintain a UCF Undergraduate GPA 3.0.

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Required Courses
 32 - 33 Total Credits

- Complete all of the following

- Earn at least 29 credits from the following:
 - PHY2048C - General Physics Using Calculus I Studio (4)
 - PHY2049C - General Physics Using Calculus II Studio (4)
 - BSC2010C - Biology I (4)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHM2046 - Chemistry Fundamentals II (3)
 - CHM2046L - Chemistry Fundamentals Laboratory (1)
 - CHM2210 - Organic Chemistry I (3)
 - CHM2211L - Organic Laboratory Techniques I (2)
 - CHM2211 - Organic Chemistry II (3)
 - EGN4941 - Internship (0 - 99)
- Complete at least 1 of the following:
 - BSC2011C - Biology II (4)
 - BCH4053 - Biochemistry I (3)
 - BCH4024 - Medical Biochemistry (4)

Restricted Electives
6 - 8 Total Credits

- Complete 1 of the following
 - Students will select either the Engineering Track or Computer Science Track to define their elective choices.
 - Engineering Track:
 - Complete all of the following
 - Select One:
 - Complete all of the following
 - Earn at least 3 credits from the following:
 - EES4111C - Biological Process Control (4)
 - BME3211 - Engineering Biomechanics (3)
 - EMA 5584 - Biomaterials Credit Hours: 3
 - BME 5267 - Biofluid Mechanics Credit Hours: 3
 - EEE 5272 - Biomedical Sensors Credit Hours: 3
 - EIN 5248 - Ergonomics Credit Hours: 3
 - BME 6268C - Applied and Computational Biofluids Credit Hours: 3
 - Select One:
 - Complete all of the following
 - Earn at least 3 credits from the following:
 - BCH4053 - Biochemistry I (3)
 - BSC3403C - Quantitative Biological Methods (4)
 - MCB3020C - General Microbiology (5)
 - PCB3522 - Molecular Biology I (3)
 - PCB3703C - Human Physiology (4)
 - ZOO3733C - Human Anatomy (4)
 - ZOO3744 - Neurobiology (3)
 - PCB3063 - Genetics (3)
 - BCH4024 - Medical Biochemistry (4)
 - CAP 5512 - Evolutionary Computation Credit Hours: 3
 - BSC 5418 or PCB 4521 - Tissue Engineering Credit Hours: 3
 - Computer Science Track
 - Complete all of the following
 - Select One:
 - Complete all of the following
 - Earn at least 3 credits from the following types of courses:
 - CAP 5512 - Evolutionary Computation Credit Hours: 3
 - Or
 - COT 6417 - Algorithms on Strings and Sequences Credit Hours: 3
 - Select One:
 - Complete at least 1 of the following:
 - BCH4053 - Biochemistry I (3)
 - BSC3403C - Quantitative Biological Methods (4)
 - MCB3020C - General Microbiology (5)

- PCB3522 - Molecular Biology I (3)
- PCB3703C - Human Physiology (4)
- ZOO3733C - Human Anatomy (4)
- Course Not Found
- PCB3063 - Genetics (3)
- BCH4024 - Medical Biochemistry (4)

Grand Total Credits: **38 - 41**

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 38

Other Requirements

- Open only to engineering and computer science majors.
- A grade of "B-" (2.75) or better is required in each course used to satisfy the minor.
- The Bachelors of Science must be completed in order for the minor to be awarded.

Civil Engineering (B.S.C.E.)

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

Program Type

Major

Program Contact Information

College of Engineering & Computer Science
Department of Civil, Environmental, and Construction Engineering
Engineering II (ENG2), 211
 407-823-2841
 CECEAdvising@ucf.edu

Undergraduate Advisor: Mary Smith
 Mary.Smith2@ucf.edu

Associate Chair: Dr. Kevin Mackie
 Kevin.Mackie@ucf.edu

Program Description

Admission Requirements

- Students wanting to declare a major in an engineering discipline must be in good academic standing and must have a "C" (2.0) or better in each of the following courses or their equivalents: MAC 2311C, MAC 2312, PHY 2048C, and CHS 1440 or CHM 2045C or CHM 2040 AND CHM 2041.
- Students wanting to declare a major in an engineering discipline must complete a change of major in the term of completion of the final pending prerequisite course(s) listed above.

Degree Requirements (128 Credit Hours)

- The College of Engineering & Computer Science requires all engineering students to achieve a minimum 2.25 GPA in completing the courses from Basic Core Requirements, Advanced Core Requirements, Restricted Electives and Capstone Requirements listed below. Independent study courses generally do not satisfy major requirements.
- A "C" (2.0) or better is required in each pre-requisite course in Common Program Prerequisites, Advanced Core Requirements, and Capstone Requirements.
- Students in the Civil Engineering major are expected to make consistent good progress toward their degrees to remain enrolled in, or eligible for, any major in the College of Engineering & Computer Science (CECS) or the College of Optics and Photonics (COP). Therefore, any student majoring in Civil Engineering who repeats any UCF course and does not earn a grade of "C" (2.0) or better on the second attempt will be placed on Lack of Progress Probation and remain on Lack of Progress Probation as long as the student is enrolled in a CECS or COP major. If a student on Lack of Progress Probation does not receive a grade of "C" (2.0) or better by the third attempt in the same UCF course, the student will be excluded from all CECS and COP majors. Any student majoring in Civil Engineering who has accumulated 7 or more unsuccessful attempts (i.e., grades below "C" (2.0) and withdrawals) over all courses taken at UCF will be placed on Lack of Progress Probation and remain on Lack of Progress Probation as long as the student is enrolled in a CECS or COP major. If a student on Lack of Progress Probation has a tenth unsuccessful attempt over all courses taken at UCF, the student will be excluded from all CECS and COP majors.
- A student who is excluded from CECS and COP majors may seek readmission to a major in CECS or COP after at least one full year has passed since exclusion. Readmission is not automatic and is dependent upon a high probability of success after readmission. Any student who is readmitted to the Civil Engineering major will be subject to all probation conditions that applied at the time of exclusion.

General Education (GEP)

- Complete all of the following
 - The UCF General Education Program (GEP) is described in this catalog. Engineering students should closely study the requirements of the UCF GEP and the allowable substitutions detailed in paragraphs A. through E. below to minimize excess hours. Students transferring to UCF from within the Florida College Systems or State University System should complete the GEP and the Common Program Prerequisites before transferring.
 - Communication Foundations
 - Complete all of the following
 - Required:
 - Complete the following:
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 of the following:
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Preferred: SPC 1603C, Suggested: SPC 1608
 - Cultural and Historical Foundations
 - Complete all of the following
 - Earn at least 6 credits from the following types of courses:
 - Historical Foundations
 - Earn at least 3 credits from the following types of courses:
 - Cultural Foundations - Suggested MUL 2010, PHI 2010, or THE 2000
 - Mathematical Foundations
 - Complete all of the following
 - Required:
 - Complete the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)

- STA3032 - Probability and Statistics for Engineers (3)

Social Foundations

- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - Complete at least 1 courses from the following:
GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundations

- Complete all of the following
 - Required:
 - Earn at least 4 credits from the following course sets:
PHY 2048C
 - PHY2048C - General Physics Using Calculus I Studio (4)
 - PHY 2048 and 2048L
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2048L - General Physics Using Calculus I Laboratory (1)
 - Science Foundation 2
 - Complete at least 1 of the following:
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **38**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - These courses are specifically required for all engineering students of the Florida State University System. CPP courses are also available at other Florida postsecondary schools and may be transferred directly to UCF programs.
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information.
 - A grade of "C" (2.0) or better is required in each course in this section.
 - Earn at least 15 credits from the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - MAC2313 - Calculus with Analytic Geometry III (4)
 - MAP2302 - Ordinary Differential Equations I (3)
 - PHY2048C - General Physics Using Calculus I Studio (4)
 - PHY2049C - General Physics Using Calculus II Studio (4)
 - GEP Courses: MAC 2311C and PHY 2048C
Select one of the following sequences of courses:
 - Complete all of the following
 - Preferred:
 - Complete at least 1 of the following:
 - CHS1440 - Principles of Chemistry (4)
 - CHM2045C - Chemistry Fundamentals I (4)

Grand Total Credits: **19**

Degree Requirements

Core Requirements: Basic Level
2 Total Credits

- Complete all of the following
 - Earn at least 2 credits from the following:
 - EGS1006C - Introduction to the Engineering Profession (1)
 - EGN1007C - Engineering Concepts and Methods (1)
 - Basic Science Credit Hours: 3 (GEP)

Core Requirements: Advanced Level
60 Total Credits

- Complete all of the following
 - Earn at least 42 credits from the following:
 - EGN3310 - Engineering Analysis-Statics (3)
 - EGN3321 - Engineering Analysis-Dynamics (3)
 - EGN3331C - Mechanics of Materials (3)
 - EGN3613 - Engineering Economic Analysis (2)
 - ENV3001 - Environmental Engineering (3)
 - CCE4003 - Introduction to the Construction Industry (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGN3700C - Civil Engineering Measurements (2)
 - CGN3501C - Civil Engineering Materials (3)
 - CEG4011C - Geotechnical Engineering I (4)
 - CES4100C - Structural Analysis I and Lab (4)
 - CWR3201 - Engineering Fluid Mechanics (3)
 - TTE3810 - Highway Engineering (3)
 - CGN3405 - Applied Numerical Methods for Civil Engineering (3)
 - CWR4202C - Hydraulics (3)
 - GEP Course: STA 3032

Civil Engineering Depth Areas
12 Total Credits

- Complete 2 of the following
 - Select 2 of the following 5 sequences to complete
 - Complete the following:
 - CEG4012 - Geotechnical Engineering II (3)
 - CEG4203 - Geotechnical Methods and Case Histories (3)
 - Water Resources:
 - CWR4120 - Hydrology (3)
 - CWR4124 - Hydrogeology (3)
 - Transportation:
 - TTE4274 - Transportation Engineering Systems (3)
 - TTE4300 - Transportation Analytics (3)
 - Structures:
 - CES4605 - Steel Structures (3)
 - CES4702 - Reinforced Concrete Structures (3)
 - Mechanics:
 - EGN3343 - Thermodynamics (3)
 - CES4205 - Structural Mechanics (3)

Civil Engineering Depth Electives
6 Total Credits

- Complete all of the following
 - Take any of the courses not taken to complete a required depth area sequence OR from the following list:

Environmental:

- Complete at least 1 of the following:
 - ENV4531 - Environmental Engineering Unit Operations & Processes (3)
 - ENV4561 - Advanced Environmental Engineering Operations & Processes (3)

Construction:

- Complete at least 1 of the following:
 - CCE4034 - Construction Estimating and Scheduling (3)
 - CCE4004 - Construction Methods (3)

Restricted Electives

3 Total Credits

- Earn at least 3 credits from the following types of courses:
Students should consult the CECE website and their assigned academic advisor for a list of the approved technical electives and the terms when specific courses of this type are to be offered.

Capstone Requirements

6 Total Credits

- Complete all of the following
 - Senior Design Courses
Design Specialization
 - Complete at least 1 of the following:
 - CEG4801C - Geotechnical Engineering Design (3)
 - CES4743C - Structural Design (3)
 - CWR4812C - Water Resources Design (3)
 - TTE4601C - Urban Systems Design (3)
 - Capstone Course
 - Complete the following:
 - CGN4808C - CECE Capstone Design (3)

Grand Total Credits: **71**

Program Details

Electives

- None

Foreign Language Requirements

Admissions

- Two years of foreign language in high school, or one year of foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- Civil engineering students must take the Fundamentals of Engineering (FE) Exam during their Senior year.

Required Minors

- None

Departmental Exit Requirements

- None

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 128

Additional Information

Honors In Major

- None

Related Programs

- Construction Engineering (B.S.Con.E.)
- Environmental Engineering (B.S.Env.E)
- Civil Engineering B.S. to M.S. Program (Structural and Geotechnical, Transportation Systems, and Water Resources Engineering)
- Civil Engineering B.S. to M.S.C.E. Program

Certificates

- Engineering Leadership Certificate

Related Minors

- Mathematics Minor
- Engineering Leadership Minor

Advising Notes

- Each engineering student is assigned a qualified engineering academic advisor in the department of his/her major. Each student should seek academic advisement before registering for classes each semester to minimize excess hours and to ensure that satisfactory academic progress is being maintained.
- The Civil Engineering program offers the opportunity for exceptionally well qualified undergraduates to enter directly into the PhD program after completion of an appropriate BS degree. This option allows outstanding undergraduates to begin planning a research program with a specific faculty advisor even before finishing the BS, and may allow completion of the PhD in a shorter time period than by taking a

separate Masters followed by the PhD.

- This Civil Engineering program has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit <https://apq.ucf.edu/files/Licensure-Disclosure-CECS-Civil-Engineering-BS.pdf>

Transfer Notes

- Courses transferred must be formally evaluated for equivalency credit. The student must provide all supporting information (course syllabus) with his/her petition for this evaluation.
- EGS 1006C and EGN 1007C are required courses for incoming freshmen only. The credits for these two courses (one hour for each) may, with prior approval of the department academic advisor, be moved to the Restricted Elective area.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oemas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$43 per term
- Full-Time Student: \$85 per term

Plan of Study (128 Credit Hours)

- The tentative course schedule listed below is a guide for those students who plan on completing their degree in four years. All engineering students should meet with their departmental academic advisor to develop and maintain an appropriate plan of study.

Freshman Year - Fall (15 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- GEP **Credit Hours: 3**
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**
- EGS 1006C - Introduction to the Engineering Profession **Credit Hours: 1**
- CHS 1440 - Principles of Chemistry **Credit Hours: 4 or**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**

Freshman Year - Spring (14 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**
- PHY 2048C- General Physics Using Calculus I (or PHY2048 and PHY2048L) **Credit Hours: 4**
- EGN 1007C - Engineering Concepts and Methods **Credit Hours: 1**
- EGN 3613 - Engineering Economic Analysis **Credit Hours: 2**

Sophomore Year - Fall (16 Credit Hours)

- MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4**
- EGN 3310 - Engineering Analysis-Statics **Credit Hours: 3**
- GEP **Credit Hours: 3**
- ENV 3001 - Environmental Engineering **Credit Hours: 3**
- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3**

Sophomore Year - Spring (16 Credit Hours)

- MAP 2302 - Ordinary Differential Equations I **Credit Hours: 3**
- PHY 2049C - General Physics Using Calculus II (or PHY2049 and PHY2049L) **Credit Hours: 4**
- EGN 3331C - Mechanics of Materials **Credit Hours: 3**
- GEP **Credit Hours: 3**
- CGN 3405 - Applied Numerical Methods for Civil Engineering **Credit Hours: 3**

Sophomore Year - Summer (9 Credit Hours)

- GEP **Credit Hours: 3**
- EGN 3321 - Engineering Analysis-Dynamics **Credit Hours: 3**
- CWR 3201 - Engineering Fluid Mechanics **Credit Hours: 3**

Junior Year - Fall (16 Credit Hours)

- CES 4100C - Structural Analysis I and Lab **Credit Hours: 4**
- CGN 3700C - Civil Engineering Measurements **Credit Hours: 2**
- CEG 4011C - Geotechnical Engineering I **Credit Hours: 4**
- TTE 3810 - Highway Engineering **Credit Hours: 3**
- CWR 4202C - Hydraulics **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- GEP **Credit Hours: 3**
- CCE 4003 - Introduction to the Construction Industry **Credit Hours: 3**
- CGN 3501C - Civil Engineering Materials **Credit Hours: 3**
- Depth Area 1, Course 1 **Credit Hours: 3**
- Depth Area 2, Course 1 **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- Approved Project Design Course **Credit Hours: 3**
- Depth Area 1, Course 2 **Credit Hours: 3**
- Depth Area 2, Course 2 **Credit Hours: 3**
- Depth Elective 1 **Credit Hours: 3**
- GEP **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- **GEP Credit Hours: 3**
- CGN 4808C - CECE Capstone Design **Credit Hours: 3**
- Depth Elective 2 **Credit Hours: 3**
- Technical Elective **Credit Hours: 3**

Civil Engineering B.S. to M.S. Program (Structural and Geotechnical, Transportation Systems, and Water Resources Engineering)

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

Program Type

Accelerated UndergraduateGraduate Program

Program Contact Information

College of Engineering and Computer Science
Department of Civil, Environmental and Construction Engineering
Engineering II (ENG2), 211
 407-823-2841

Associate Professor: Dr. Andrew Randall
 407-823-6429
 andrew.randall@ucf.edu

Associate Chair: Dr. Kevin Mackie
 Kevin.Mackie@ucf.edu

Program Description

Admission Requirements

- See Common Program Prerequisites.
- Qualified students may apply after completion of a minimum of 64 credit hours.
- Completion of no more than 96 credit hours.
- A minimum UCF GPA of at least 3.2 in all upper division courses.
- Courses that must be completed with a "B" or better for eligibility: EGN 3331C (Mechanics of Materials), CWR 4202C (Hydraulics), CGN 3405 (Numerical Methods) and STA 3032 (Probability and Statistics)
- Admission to the Accelerated Program does not guarantee formal admission to the MSCE, MS Transportation Systems, MS Water Resources, or MS Structural and Geotechnical program.
- Admission is not automatic. Interested students may need to be interviewed.

General Education (GEP)

- Complete all of the following
 - See Civil Engineering major in the Catalog for specific GEP requirements
 - Communication Foundations
 - Earn at least 9 credits from the following course sets:
 - GEF 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEF 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Cultural & Historical Foundations
 - Earn at least 9 credits from the following course sets:
 - GEF 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)

- EUH2000 - Western Civilization I (3)
- EUH2001 - Western Civilization II (3)
- HUM2020 - Encountering the Humanities (3)
- HUM2210 - Studies in Culture: Ancient to 17th Century (3)
- HUM2230 - Studies in Culture: 17th Century to Present (3)
- WOH2012 - World Civilization I (3)
- WOH2022 - World Civilization II (3)
- GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Mathematical Foundations
 - Earn at least 7 credits from the following course sets:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)
- Social Foundations
 - Earn at least 6 credits from the following course sets:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
- Science Foundations
 - Earn at least 7 credits from the following course sets:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)

- PHY2053 - College Physics I (3)
- PSC1121 - Physical Science (3)
- GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **38**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - Earn at least 19 credits from the following types of courses:
See "Common Prerequisites" in the Transfer and Transitions Services section for more information.
 - See Civil Engineering major in the Catalog for CPP requirements.

Grand Total Credits: **19**

Degree Requirements

Core Requirements: Basic Level
2 Total Credits

- Complete the following:
 - EGS1006C - Introduction to the Engineering Profession (1)
 - EGN1007C - Engineering Concepts and Methods (1)

Basic Science
3 Total Credits

- Earn at least 3 credits from the following types of courses:
GEP

Core Requirements: Advanced Level
63 Total Credits

- Complete all of the following
 - Complete the following:
 - EGN3310 - Engineering Analysis-Statics (3)
 - EGN3321 - Engineering Analysis-Dynamics (3)
 - EGN3331C - Mechanics of Materials (3)
 - EGN3613 - Engineering Economic Analysis (2)
 - ENV3001 - Environmental Engineering (3)
 - CCE4003 - Introduction to the Construction Industry (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGN3700C - Civil Engineering Measurements (2)
 - CGN3501C - Civil Engineering Materials (3)
 - CEG4011C - Geotechnical Engineering I (4)
 - CES4100C - Structural Analysis I and Lab (4)
 - CWR3201 - Engineering Fluid Mechanics (3)
 - TTE3810 - Highway Engineering (3)
 - CGN3405 - Applied Numerical Methods for Civil Engineering (3)
 - CWR4202C - Hydraulics (3)
 - A "C" (2.0) or better is required in this course: EGN 3310, EGN 3331C, EGN3613, STA 3032, CWR 3201, CGN 3405

Civil Engineering Depth Areas
12 Total Credits

- Complete 2 of the following
 - Select two of the following five sequences to complete.
 - Geotechnical:
 - Complete the following:
 - CEG4012 - Geotechnical Engineering II (3)
 - CWR4124 - Hydrogeology (3)
 - Water Resources:
 - Complete the following:
 - CWR4120 - Hydrology (3)
 - CWR4124 - Hydrogeology (3)
 - Transportation:
 - Complete the following:
 - TTE4274 - Transportation Engineering Systems (3)
 - TTE4300 - Transportation Analytics (3)
 - Structures:
 - Complete the following:
 - CES4605 - Steel Structures (3)
 - CES4702 - Reinforced Concrete Structures (3)
 - Mechanics
 - Complete the following:
 - EGN3343 - Thermodynamics (3)
 - CES4205 - Structural Mechanics (3)

Civil Engineering Depth Electives

6 Total Credits

- Complete 1 of the following
 - Take any of the courses not taken to complete a required depth area sequence OR from the following list:
 - Environmental Area: ENV 4531 and ENV 4561
 - Construction Area: CCE 4034 and CCE 4004
 - Complete at least 2 of the following:
 - ENV4531 - Environmental Engineering Unit Operations & Processes (3)
 - ENV4561 - Advanced Environmental Engineering Operations & Processes (3)
 - CCE4034 - Construction Estimating and Scheduling (3)
 - CCE4004 - Construction Methods (3)

Restricted Electives

0 Total Credits

- Earn at least credits from the following types of courses:
Students should consult the CECE website and their assigned academic advisor for a list of the approved technical electives and the terms when specific courses of this type are to be offered.

Capstone Requirements

6 Total Credits

- Senior Design Courses

Design Specialization

3 Total Credits

- Complete all of the following
 - Complete at least 1 of the following:
 - CEG4801C - Geotechnical Engineering Design (3)
 - CES4743C - Structural Design (3)
 - CWR4812C - Water Resources Design (3)
 - TTE4601C - Urban Systems Design (3)
 - A "C" (2.0) or better is required in these courses

Capstone Course

3 Total Credits

- Complete the following:
 - CGN4808C - CECE Capstone Design (3)

Grand Total Credits: **74**

Program Details

Electives

- None

Foreign Language Requirements

Admissions

- Two years of foreign language in high school, or one year of foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- Civil engineering students must take the Fundamentals of Engineering (FE) Exam during their Senior year.

Required Minors

- None

Departmental Exit Requirements

- None

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.

- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required

- 128

Total Combined Hours Required

- 146

Honors in Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- Each engineering student is assigned a qualified engineering academic advisor in the department of his/her major. Each student should seek academic advisement before registering for classes each semester to minimize excess hours and to ensure that satisfactory academic progress is being maintained.
- The following will be waived for this joint degree program:
 - The limit of nine hours to be shared between undergraduate and graduate programs.
 - Undergraduate students taking graduate courses must be within nine hours of graduation
 - Undergraduate students taking graduate courses must not register for more than a total of twelve hours in that semester
 - Undergraduate students are not eligible to take 6000-level courses

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Shared Cores

- Shared B.S.C.E./M.S.C.E, M.S. Smart Cities, M.S. Transportation, M.S. Water Resources, M.S. Structural and Geotechnical
- Up to 12 credit hours of approved 5000 and 6000 level courses with grades of "B" (3.0) or better may be counted towards the B.S. and Masters degrees. These 12 credit hours will meet either technical elective or course requirements for the major. Contact the Graduate Coordinator in the Civil, Environmental, and Construction Engineering department for a list of acceptable courses.

Graduate Courses Link

- <http://www.graduatecatalog.ucf.edu/content/Courses.aspx>

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oemas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$43 per term
- Full-Time Student: \$85 per term

Computer Engineering - Accelerated Undergraduate-Graduate (B.S.Cp.E. / M.S.Cp.E.)

College

College of Engineering and Computer Science

Department

Department of Electrical and Computer Engineering

Program Type

Accelerated UndergraduateGraduate Program

Program Contact Information

**College of Engineering & Computer Science
Electrical & Computer Engineering Department
Harris Corporation Engineering Center (HEC), 439
407-823-3327
eecpe-grad@ece.ucf.edu**

Graduate Coordinator: *Dr. Kalpathy Sundaram*
Kalpathy.Sundaram@ucf.edu

Graduate Student Services Coordinator: *Diana Camerino*
Diana.Camerino@ucf.edu

Program Description

Admission Requirements

- See Common Program Prerequisites
- Qualified students may apply after completion of a minimum of 64 credit hours
- Completion of no more than 96 credit hours
- Completion of the GRE with a highly competitive score by the end of first semester of the senior year
- Admission is not automatic. Interested students may need to be interviewed.
- Admission to the Accelerated Program does not guarantee formal admission to the MSPE program.

Degree Requirements

- None

General Education (GEP)

- Complete all of the following
 - Earn at least 38 credits from the following types of courses:
GEP Foundations
 - See Computer Science (B.S.) in the catalog for track specific GEP requirements.
 - Communication Foundations
 - Cultural & Historical Foundations
 - Mathematical Foundations
 - Social Foundations
 - Science Foundations

Grand Total Credits: **38**

Common Program Prerequisites (CPP) (If applicable)

- Earn at least 19 credits from the following types of courses:
See Computer Engineering major in the catalog for the CPP requirements.

Grand Total Credits: **19**

Degree Requirements

Core Requirements: Basic Level

2 Total Credits

No Rules

Computer Engineering: Basic Core

2 Total Credits

- Complete the following:
 - EGN1007C - Engineering Concepts and Methods (1)
 - EGS1006C - Introduction to the Engineering Profession (1)

Core Requirements: Advanced Level

48 Total Credits

- Earn at least 48 credits from the following types of courses:
Advanced Level Courses

Restricted Electives

15 Total Credits

- Technical electives should be taken at the 5000 level and are available in the BSCpE program to address specific student interests in a variety of technical areas. Students should consult with their academic advisor for identification of courses that are approved technical electives and the terms when specific courses of this type are to be offered.

Technical Electives

15 Total Credits

- Earn at least 15 credits from the following types of courses:
Technical elective courses are to be selected by the student from department approved courses.

Capstone Requirements

6 Total Credits

- Complete the following:
 - EEL4914 - Senior Design I (3)
 - EEL4915L - Senior Design II (3)

Grand Total Credits: **71**

Program Details

Electives

- None

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- 24 of 32 residency hours must be 3000-5000 level courses taken from the EECS Department at UCF and

applicable to the undergraduate degree program.

Required Minors

- None

Departmental Exit Requirements

- CECS encourages all engineering students to take the Fundamentals Exam during their Senior year.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 128

Total Combined Credit Hours Required: 146

Additional Information

Honors In Major

- None

Related Programs

- Computer Science (B.S.)
- Electrical Engineering - Accelerated Undergraduate-Graduate (B.S.E.E. / M.S.E.E.)
- Information Technology (B.S.)
- Mathematics (B.S.) Engineering/Physics Track
- Physics (B.S.)

Certificates

- None

Related Minors

- Intelligent Robotic Systems (IRS), Interdisciplinary Minor
- Engineering Leadership Minor

Advising Notes

The following will be waived for this joint degree program:

- The limit of nine hours to be shared between undergraduate and graduate programs.
- Undergraduate students taking graduate courses must be within nine hours of graduation.
- Undergraduate students taking graduate courses must not register for more than a total of twelve hours in that semester.
- Undergraduate students are not eligible to take 6000-level courses.
- This Computer Engineering program has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit <https://apq.ucf.edu/files/Licensure-Disclosure-CECS-Computer-Engineering-BS.pdf>

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Graduate Courses Link

- None

Shared Courses (12 hrs)

- Up to 12 credit hours of approved 5000 level courses of grades B (3.0) or better may be counted towards the BS and Masters degrees. These 12 credit hours will meet either technical elective or course requirements for the major. Contact the EE/CpE Graduate Coordinator in the Electrical Engineering & Computer Science department for acceptable courses.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oecas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$30 per term
- Full-Time Student: \$60 per term

Computer Engineering, Comprehensive Track (B.S.Cp.E.)

College

College of Engineering and Computer Science

Department

Department of Electrical and Computer Engineering

Program Type

Major

Program Contact Information

College of Engineering & Computer Science
Electrical & Computer Engineering Department
Harris Corporation Engineering Center (HEC), 346
 407-823-3327
undergraduate@ece.ucf.edu

Undergraduate Program Coordinator of EE and CpE: Dr. Reza Abdolvand
Reza.Abdolvand@ucf.edu

Academic Advisor: Charlese Hilton-Brown
chilton@ucf.edu

Program Description

Admission Requirements

- Students wanting to declare a major in an engineering discipline must be in good academic standing and must have a "C" (2.0) or better in each of the following courses or their equivalents: MAC 2311C, MAC 2312, PHY 2048C, and CHS 1440 or CHM 2045C.
- Students wanting to declare a major in an engineering discipline must complete a change of major in the term of completion of the final pending prerequisite course(s) listed above.

Degree Requirements

- Students in the Computer Engineering major are expected to make consistent good progress toward their degrees to remain enrolled in, or eligible for, any major in the College of Engineering & Computer Science (CECS) or the College of Optics and Photonics (COP). Therefore, any student majoring in Computer Engineering who repeats any UCF course and does not earn a grade of "C" (2.0) or better on the second attempt will be placed on Lack of Progress Probation and remain on Lack of Progress Probation as long as the student is enrolled in a CECS or COP major. If a student on Lack of Progress Probation does not receive a grade of "C" (2.0) or better by the third attempt in the same UCF course, the student will be excluded from all CECS and COP majors. Any student majoring in Computer Engineering who has accumulated 7 or more unsuccessful attempts (i.e., grades below "C" (2.0) and withdrawals) over all courses taken at UCF will be placed on Lack of Progress Probation and remain on Lack of Progress Probation as long as the student is enrolled in a CECS or COP major. If a student on Lack of Progress Probation has a tenth unsuccessful attempt over all courses taken at UCF, the student will be excluded from all CECS and COP majors.
- A student who is excluded from CECS and COP majors may seek readmission to a major in CECS or COP after at least one full year has passed since exclusion. Readmission is not automatic and is dependent upon a high probability of success after readmission. Any student who is readmitted to the Computer Engineering major will be subject to all probation conditions that applied at the time of exclusion.

General Education (GEP)

- Complete all of the following
 - The UCF General Education Program (GEP) is described in this catalog. Engineering students should closely study the requirements of the UCF GEP and the allowable substitutions detailed in paragraphs A through E below to minimize excess hours. Students transferring to UCF from within the Florida College System or State University System should complete the GEP and the Common Program Prerequisites before transferring.
 - Communication Foundations
 - Complete all of the following
 - Required:
 - Complete the following:
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Suggested:
 - Complete at least 1 of the following:
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Cultural and Historical Foundations
 - Complete all of the following
 - Earn at least 6 credits from the following types of courses:
 - Historical Foundations
 - Earn at least 3 credits from the following types of courses:
 - Cultural Foundations
 - Mathematical Foundations
 - Complete all of the following
 - Required:
 - Complete the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - STA3032 - Probability and Statistics for Engineers (3)
 - Social Foundations
 - Complete all of the following
 - Preferred:

- Complete the following:
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
- Or
 - Select one class from Social Foundations Credit Hours: 3
- Science Foundations
 - Complete all of the following
 - Required:
 - Earn at least 4 credits from the following course sets:
 - PHY 2048C
 - PHY2048C - General Physics Using Calculus I Studio (4)
 - PHY 2048 and 2048L
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2048L - General Physics Using Calculus I Laboratory (1)
 - Earn at least 3 credits from the following course sets:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **38**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - These courses are specifically required for all engineering students of the Florida State University System. CPP courses are also available at other Florida post-secondary schools and may be transferred directly to UCF programs. To enroll in CpE major courses, a 2.0 (C or better) in each course is required.
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information.
 - Earn at least 15 credits from the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - MAC2313 - Calculus with Analytic Geometry III (4)
 - MAP2302 - Ordinary Differential Equations I (3)
 - PHY 2048C - General Physics Using Calculus I (or PHY2048 and PHY2048L) Credit Hours: 4 (GEP)
 - PHY 2049C - General Physics Using Calculus II (or PHY2049 and PHY2049L) Credit Hours: 4
 - GEP Courses: MAP 2311C, PHY 2048C/PHY2048 & PHY 2048L
 - Complete at least 1 of the following:
 - CHS1440 - Principles of Chemistry (4)
 - CHM2045C - Chemistry Fundamentals I (4)
 - * Preferred: CHS 1440

Grand Total Credits: **19**

Degree Requirements

Core Requirements: Basic Level
2 Total Credits

- Complete all of the following
 - Departments Programs Policies Academic Resources Administrative Officers and Staff University Faculty and Administration Emeriti Honorary Degrees Awarded Academic Calendar Building Abbreviations Glossary Addenda Print this page Back College of Engineering and Computer Science Programs>Computer Engineering, Comprehensive Track (B.S.Cp.E.) Computer Engineering, Comprehensive Track (B.S.Cp.E.) College College of Engineering and Computer Science Department Department of Electrical and Computer Engineering Program Type Major Program Description College of Engineering & Computer Science Electrical & Computer Engineering Department Harris Corporation Engineering Center (HEC), 346 407-823-3327 undergraduate@ece.ucf.edu Undergraduate Program Coordinator of EE and CpE: Dr. Reza Abdolvand Reza.Abdolvand@ucf.edu Academic Advisor: Charlese Hilton-Brown chilton@ucf.edu Admission Requirements Students wanting to declare a major in an engineering discipline must be in good academic standing and must have a "C" (2.0) or better in each of the following courses or their equivalents: MAC 2311C, MAC 2312, PHY 2048C, and CHS 1440 or CHM 2045C. Students wanting to declare a major in an engineering discipline must complete a change of major in the term of completion of the final pending prerequisite course(s) listed above. Degree Requirements Students in the Computer Engineering major are expected to make consistent good progress toward their degrees to remain enrolled in, or eligible for, any major in the College of Engineering & Computer Science (CECS) or the College of Optics and Photonics (COP). Therefore, any student majoring in Computer Engineering who repeats any UCF course and does not earn a grade of "C" (2.0) or better on the second attempt will be placed on Lack of Progress Probation and remain on Lack of Progress Probation as long as the student is enrolled in a CECS or COP major. If a student on Lack of Progress Probation does not receive a grade of "C" (2.0) or better by the third attempt in the same UCF course, the student will be excluded from all CECS and COP majors. Any student majoring in Computer Engineering who has accumulated 7 or more unsuccessful attempts (i.e., grades below "C" (2.0) and withdrawals) over all courses taken at UCF will be placed on Lack of Progress Probation and remain on Lack of Progress Probation as long as the student is enrolled in a CECS or COP major. If a student on Lack of Progress Probation has a tenth unsuccessful attempt over all courses taken at UCF, the student will be excluded from all CECS and COP majors. A student who is excluded from CECS and COP majors may seek readmission to a major in CECS or COP after at least one full year has passed since exclusion. Readmission is not automatic and is dependent upon a high probability of success after readmission. Any student who is readmitted to the Computer Engineering major will be subject to all probation conditions that applied at the time of exclusion. Program Details General Education Program (GEP) (38 Credit Hours) The UCF General Education Program (GEP) is described in this catalog. Engineering students should closely study the requirements of the UCF GEP and the allowable substitutions detailed in paragraphs A through E below to minimize excess hours. Students transferring to UCF from within the Florida College System or State University System should complete the GEP and the Common Program Prerequisites before transferring. Communication Foundations (9 Credit Hours) ENC 1101 - Composition I Credit Hours: 3 (Required) ENC 1102 - Composition II Credit Hours: 3 (Required) Select One: (3 Credit Hours) SPC 1603C - Fundamentals of Technical Presentations Credit Hours: 3 (Suggested) SPC 1608 - Fundamentals of Oral Communication Credit Hours: 3 (Suggested) Cultural and Historical Foundations (9 Credit Hours) Select two courses from Historical Foundations Credit Hours: 6 Select one class from Cultural Foundations Credit Hours: 3 Mathematical Foundations (7 Credit Hours) MAC 2311C - Calculus with Analytic Geometry I Credit Hours: 4 (Required) STA 3032 - Probability and Statistics for Engineers Credit Hours: 3 (Required) Social Foundations (6 Credit Hours) Select One: (3 Credit Hours) ECO 2013 - Principles of Macroeconomics Credit Hours: 3 (Preferred) ECO 2023 - Principles of Microeconomics Credit Hours: 3 (Preferred) Select one class from Social Foundations Credit Hours: 3 Science Foundations (7 Credit Hours) PHY 2048C - General Physics Using Calculus I Credit Hours: 4 (Required) Select one course from Science Foundations Credit Hours: 3 Common Program Prerequisites (CPP) (19 Credit Hours) These courses are specifically required for all engineering students of the Florida State University System. CPP courses are also available at other Florida post-secondary schools and may be transferred directly to UCF programs. To enroll in CpE major courses, a 2.0 (C or better) in each course is required. See "Common Prerequisites" in the Transfer and Transitions Services section for more information. MAC 2311C - Calculus with Analytic Geometry I Credit Hours: 4 (GEP) MAC 2312 - Calculus with Analytic Geometry II Credit Hours: 4 MAC 2313 - Calculus with Analytic Geometry III Credit Hours: 4 MAP 2302 - Ordinary Differential Equations I Credit Hours: 3 PHY 2048C - General Physics Using Calculus I Credit Hours: 4 (GEP) PHY 2049C - General Physics Using Calculus II Credit Hours: 4

Select One: (4 Credit Hours) 1 Preferred CHS 1440 - Principles of Chemistry Credit Hours: 4 1 CHM 2045C - Chemistry Fundamentals I Credit Hours: 4 Core Requirements: Basic Level (2 Credit Hours) The College of Engineering & Computer Science requires all engineering students to achieve a minimum 2.25 GPA in completing these courses, together with the courses required for the major in section 4 below, technical elective courses listed in section 5 below and with the senior design courses listed in section 6 below. Independent study courses generally do not satisfy major requirements.

- Complete the following:
 - EGS1006C - Introduction to the Engineering Profession (1)
 - EGN1007C - Engineering Concepts and Methods (1)

Core Requirements: Advanced Level

48 Total Credits

No Rules

Engineering Core

0 Total Credits

- STA 3032 - Probability and Statistics for Engineers Credit Hours: 3 (GEP)

Courses Required for the Major

48 Total Credits

- Complete the following:
 - EGN3420 - Engineering Analysis (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - COP3502C - Computer Science I (3)
 - COP3503C - Computer Science II (3)
 - COP3330 - Object Oriented Programming (3)
 - COP4331C - Processes for Object-Oriented Software Development (3)
 - EEL3926L - Junior Design (1)
 - EEL3004C - Linear Circuits I (3)
 - EEL3123C - Linear Circuits II (3)
 - EEE3307C - Electronics I (4)
 - EEE3342C - Digital Systems (3)
 - EEL3801C - Computer Organization (4)
 - EEL4742C - Embedded Systems (3)
 - EEL4768 - Computer Architecture (3)
 - EEL4781 - Computer Communication Networks (3)
 - COP4600 - Operating Systems (3)

Restricted Electives

15 Total Credits

- Technical electives are available in the BSCpE program to address specific student interests in a variety of technical areas such as Software Engineering. Students should consult with their academic advisor for the identification of courses that are approved technical electives and the terms when specific courses of this type are to be offered.

Technical Electives

15 Total Credits

- Earn at least 15 credits from the following types of courses:
Technical elective courses are to be selected by the student from department approved courses.

Capstone Requirements

6 Total Credits

- Complete the following:
 - EEL4914 - Senior Design I (3)
 - EEL4915L - Senior Design II (3)

Grand Total Credits: **71**

Program Details

Electives

-
- None

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- Computer engineering students must earn at least 32 hours in residence at UCF.
- 24 of the 32 Residency hours must be at the 3000-5000 level courses taken from the ECE Department at UCF and applicable to the degree program.

Required Minors

- None

Departmental Exit Requirements

- CECS encourages all engineering students to take the Fundamentals Exam during their senior year.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 128

Additional Information

Honors In Major

- None

Related Programs

- Computer Science (B.S.)
- Electrical Engineering
- Information Technology (B.S.)
- Mathematics - Engineering/Physics Track
- Physics (B.S.)

Certificates

- None

Related Minors

- Intelligent Robotic Systems (IRS), Interdisciplinary Minor
- Engineering Leadership Minor
- Mathematics Minor
- Physics Minor

Advising Notes

- Each engineering student should meet regularly with an academic advisor in the major department.
- The Computer Engineering program offers the Accelerated BS/MS Program to students of high academic standing. This program allows up to twelve hours to be shared between the BS and MS degrees. See your department or the Accelerated Program section in the back of this catalog for more information.
- Each student should seek academic advisement before registering for classes each semester to minimize excess hours and to ensure that satisfactory academic progress is being maintained.
- This Computer Engineering Comprehensive Track program has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit <https://apq.ucf.edu/files/Licensure-Disclosure-CECS-Computer-Engineering-BS.pdf>

Transfer Notes

- Courses transferred must be formally evaluated for equivalency credit. The student must provide all supporting information with his/her petition for this evaluation
- EGS 1006C and EGN 1007C are required courses for incoming freshmen only. The credits for these two courses (one hour each) may, with prior approval of the department academic advisor, be moved to the Restricted Elective area.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oemas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$42 per term
- Full-Time Student: \$84 per term

Computer Engineering, Digital Circuits Track (B.S.Cp.E.)

College

College of Engineering and Computer Science

Department

Department of Electrical and Computer Engineering

Program Type

Major

Program Contact Information

**College of Engineering & Computer Science
Electrical & Computer Engineering Department
Harris Corporation Engineering Center (HEC), 346
407-823-3327
undergraduate@ece.ucf.edu**

Undergraduate Program Coordinator of EE and CpE: Dr. Reza Abdolvand
Reza.Abdolvand@ucf.edu

Academic Advisor: Charlese Hilton-Brown
chilton@ucf.edu

Program Description

Admission Requirements

- Students wanting to declare a major in an engineering discipline must be in good academic standing and must have a "C" (2.0) or better in each of the following courses or their equivalents: MAC 2311C, MAC 2312, PHY 2048C, and CHS 1440 or CHM 2045C.
- Students wanting to declare a major in an engineering discipline must complete a change of major in the term of completion of the final pending prerequisite course(s) listed above.

Degree Requirements

- Students in the Computer Engineering major are expected to make consistent good progress toward their degrees to remain enrolled in, or eligible for, any major in the College of Engineering & Computer Science (CECS) or the College of Optics and Photonics (COP). Therefore, any student majoring in Computer Engineering who repeats any UCF course and does not earn a grade of "C" (2.0) or better on the second attempt will be placed on Lack of Progress Probation and remain on Lack of Progress Probation as long as the student is enrolled in a CECS or COP major. If a student on Lack of Progress Probation does not receive a grade of "C" (2.0) or better by the third attempt in the same UCF course, the student will be excluded from all CECS and COP majors. Any student majoring in Computer Engineering who has accumulated 7 or more unsuccessful attempts (i.e., grades below "C" (2.0) and withdrawals) over all courses taken at UCF will be placed on Lack of Progress Probation and remain on Lack of Progress Probation as long as the student is enrolled in a CECS or COP major. If a student on Lack of Progress Probation has a tenth unsuccessful attempt over all courses taken at UCF, the student will be excluded from all CECS and COP majors.
- A student who is excluded from CECS and COP majors may seek readmission to a major in CECS or COP after at least one full year has passed since exclusion. Readmission is not automatic and is dependent upon a high probability of success after readmission. Any student who is readmitted to the Computer Engineering major will be subject to all probation conditions that applied at the time of exclusion.

General Education (GEP)

- Complete all of the following
 - The UCF General Education Program (GEP) is described in this catalog. Engineering students should closely study the requirements of the UCF GEP and the allowable substitutions detailed in paragraphs A through E below to minimize excess hours. Students transferring to UCF from within the Florida College System or State University System should complete the GEP and the Common Program Prerequisites before transferring.
Communication Foundations
 - Complete all of the following
 - Required:
 - Complete the following:
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 of the following:
 - SYP3300 - Fads, Crowds, and Social Action (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

- Preferred - SPC 1603C
 - Suggested - SPC 1608
- Cultural and Historical Foundations
 - Complete all of the following
 - Earn at least 6 credits from the following types of courses:
Historical Foundations
 - Earn at least 3 credits from the following types of courses:
Cultural Foundations
- Mathematical Foundations
 - Complete all of the following
 - Required:
 - Complete the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - STA3032 - Probability and Statistics for Engineers (3)
- Social Foundations
 - Complete all of the following
 - Required:
 - Complete at least 1 of the following:
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - Earn at least 3 credits from the following course sets:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
- Science Foundations
 - Complete all of the following
 - Required:
 - Earn at least 4 credits from the following course sets:
 - PHY 2048C
 - PHY2048C - General Physics Using Calculus I Studio (4)
 - PHY 2048 and 2048L
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2048L - General Physics Using Calculus I Laboratory (1)
 - Earn at least 3 credits from the following course sets:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)

- MET2104 - The Earth's Climate (3)
- Rule Not Selected

Grand Total Credits: **38**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - These courses are specifically required for all engineering students of the Florida State University System. CPP courses are also available at other Florida post-secondary schools and may be transferred directly to UCF programs. To enroll in CpE major courses, a 2.0 (C or better) in each course is required.
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information.
 - Earn at least 15 credits from the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - MAC2313 - Calculus with Analytic Geometry III (4)
 - MAP2302 - Ordinary Differential Equations I (3)
 - PHY 2048C - General Physics Using Calculus I (or PHY2048 and PHY2048L) Credit Hours: 4 (GEP)
 - PHY 2049C - General Physics Using Calculus II (or PHY2049 and PHY2049L) Credit Hours: 4
 - GEP Courses: MAC 2311C, PHY 2048C/PHY2048 & PHY 2048L
 - Complete at least 1 of the following:
 - CHS1440 - Principles of Chemistry (4)
 - CHM2045C - Chemistry Fundamentals I (4)
 - *Preferred: CHS 1440

Grand Total Credits: **19**

Degree Requirements

Core Requirements: Basic Level

2 Total Credits

- Complete all of the following
 - The College of Engineering & Computer Science requires all engineering students to achieve a minimum 2.25 GPA in completing these courses, together with the courses required for the major in section 4 below, technical elective courses listed in section 5 below and with the senior design courses listed in section 6 below. Independent study courses generally do not satisfy major requirements.
 - Complete the following:
 - EGS1006C - Introduction to the Engineering Profession (1)
 - EGN1007C - Engineering Concepts and Methods (1)

Core Requirements: Advanced Level

48 Total Credits

No Rules

Engineering Core

0 Total Credits

- STA 3032 - Probability and Statistics for Engineers Credit Hours: 3 (GEP)

Courses Required for the Major

48 Total Credits

- Complete all of the following
 - Complete the following:
 - EGN3211 - Engineering Analysis and Computation (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - COP3502C - Computer Science I (3)
 - COP3503C - Computer Science II (3)
 - COP3330 - Object Oriented Programming (3)
 - EEL3926L - Junior Design (1)
 - EEL3004C - Linear Circuits I (3)
 - EEL3123C - Linear Circuits II (3)

- EEE3307C - Electronics I (4)
- EEE3342C - Digital Systems (3)
- EEL3801C - Computer Organization (4)
- EEL4742C - Embedded Systems (3)
- EEL4768 - Computer Architecture (3)
- EEL4781 - Computer Communication Networks (3)

Select Two:

- Complete at least 2 of the following:
 - EEE4346C - Hardware Security and Trusted Circuit Design (3)
 - EEL4783 - Hardware Description Languages in Digital Systems Design (3)
 - EEL5722C - Field-Programmable Gate Array (FPGA) Design (3)
 - EEL4798 - Massive Storage and Big Data (3)
 - EEE4775 - Real-Time Systems (3)
 - EEE4334 - Computer-Aided Design of VLSI (3)

Restricted Electives

15 Total Credits

- Technical electives are available in the BSCpE program to address specific student interests in a variety of technical areas such as Software Engineering. Students should consult with their academic advisor for the identification of courses that are approved technical electives and the terms when specific courses of this type are to be offered.

Technical Electives

15 Total Credits

- Earn at least 15 credits from the following types of courses:
Technical elective courses are to be selected by the student from department approved courses.

Capstone Requirements

6 Total Credits

- Complete the following:
 - EEL4914 - Senior Design I (3)
 - EEL4915L - Senior Design II (3)

Grand Total Credits: **71**

Program Details

Electives

- None

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- Computer engineering students must earn at least 32 hours in residence at UCF.
- 24 of the 32 Residency hours must be at the 3000-5000 level courses taken from the ECE Department at

UCF and applicable to the degree program.

Required Minors

- None

Departmental Exit Requirements

- CECS encourages all engineering students to take the Fundamentals Exam during their senior year.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 128

Additional Information

Honors In Major

- None

Related Programs

- Computer Science (B.S.)
- Electrical Engineering
- Information Technology (B.S.)
- Mathematics - Engineering/Physics Track
- Physics (B.S.)

Certificates

- None

Related Minors

- Intelligent Robotic Systems (IRS), Interdisciplinary Minor
- Engineering Leadership Minor
- Mathematics Minor
- Physics Minor

Advising Notes

- Each engineering student should meet regularly with an academic advisor in the major department.
- The Computer Engineering program offers the Accelerated BS/MS Program to students of high academic standing. This program allows up to twelve hours to be shared between the BS and MS degrees. See your department or the Accelerated Program section in the back of this catalog for more information.

- Each student should seek academic advisement before registering for classes each semester to minimize excess hours and to ensure that satisfactory academic progress is being maintained.
- This Computer Engineering Digital Circuits Track program has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit <https://apq.ucf.edu/files/Licensure-Disclosure-CECS-Computer-Engineering-BS.pdf>

Transfer Notes

- Courses transferred must be formally evaluated for equivalency credit. The student must provide all supporting information with his/her petition for this evaluation
- EGS 1006C and EGN 1007C are required courses for incoming freshmen only. The credits for these two courses (one hour each) may, with prior approval of the department academic advisor, be moved to the Restricted Elective area.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$42 per term
- Full-Time Student: \$84 per term

Computer Science - Accelerated Undergraduate-Graduate Program (B.S. / M.S.)

College

College of Engineering and Computer Science

Department

Department of Electrical and Computer Engineering

Program Type

Accelerated UndergraduateGraduate Program

Program Contact Information

College of Engineering & Computer Science
Electrical Engineering & Computer Science Department
Harris Corp. Engineering Center (HEC), 437
 407-823-3327
cs-grad@cs.ucf.edu

Associate Professor, Graduate Coordinator: Dr. Liqiang Wang
 407-823-3178
lwang@cs.ucf.edu

Program Description

Admission Requirements

- See Common Program Prerequisites .
- Qualified students may apply after completion of a minimum of 60 credit hours and successful completion of the Foundation Exam.
- Completion of no more than 90 credit hours.
- Completion of the GRE with a highly competitive score by the end of first semester of the senior year for continuation in the program.
- Admission is not automatic. Interested students may need to be interviewed.
- Admission to the Accelerated Program does not guarantee formal admission to the MS program.

Degree Requirements

- None

General Education (GEP)

39 Total Credits

- Complete all of the following
 - See Computer Science (B.S.) in the catalog for track specific GEP requirements.
 - Earn at least 39 credits from the following types of courses:
GEP Foundations
 - Communication Foundations
 - Cultural & Historical Foundations
 - Mathematical Foundations
 - Social Foundations
 - Science Foundations

Grand Total Credits: **39**

Common Program Prerequisites (CPP) (If applicable)

- Earn at least 14 credits from the following types of courses:
See Computer Science (B.S.) in the catalog for the CPP requirements.

Grand Total Credits: **14**

Degree Requirements

Core Requirements: Basic Level

30 Total Credits

- Complete all of the following
 - Earn at least 27 credits from the following:
 - STA2023 - Statistical Methods I (3)
 - COP3330 - Object Oriented Programming (3)
 - COP3502C - Computer Science I (3)
 - COP3503C - Computer Science II (3)
 - CDA3103C - Computer Logic and Organization (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - CIS3360 - Security in Computing (3)
 - COP3402 - Systems Software (3)
 - COT4210 - Discrete Structures II (3)
 - COP4331C - Processes for Object-Oriented Software Development (3)
 - COT3960 - Foundation Exam
 - Complete at least 1 of the following:
 - ENC3241 - Writing for the Technical Professional (3)
 - ENC3250 - Professional Writing (3)

Grand Total Credits: **30**

Program Details

Core Requirements: Advanced Level (18 Credit Hours)

- Any 4000-5000 level Computer Science (CS) course that is not a required undergraduate course will count as a restricted elective.
- Only ONE of the following six Information Technology courses may count as a CS Restricted Elective: CAP 4102, CIS 4004, CIS 4524, CNT 4603, CNT 4703, and CNT 4714.
- At most 3 hours of independent study or research allowed. No internship or cooperative education credits are allowed.
- It is recommended that students take at least 3 classes from a primary area to gain an in-depth knowledge in that area of Computer Science.
- It is recommended that students take classes from at least 2 different secondary areas to gain a broad knowledge of Computer Science. These courses may also be listed in the student's primary area.
- A minimum grade of "C" (2.0) or better is required in each course in this area.
- Students must maintain at least a 2.5 GPA in all courses in this section.
- Students participating in the Accelerated Undergraduate to Graduate Program in Computer Science should take up to 12 hours of 5000 and 6000 level courses from the areas listed below.
- The courses listed in the areas below are for ease of reference only.

Systems Area

- COP 4331C - Processes for Object-Oriented Software Development **Credit Hours: 3**
- COP 4520 - Concepts of Parallel and Distributed Processing **Credit Hours: 3**
- COP 4600 - Operating Systems **Credit Hours: 3**
- COP 4710 - Database Systems **Credit Hours: 3**
- EEL 4768 - Computer Architecture **Credit Hours: 3**
- CDA 5106 - Advanced Computer Architecture **Credit Hours: 3**
- COP 5611 - Operating Systems Design Principles **Credit Hours: 3**
- COP 5711 - Parallel and Distributed Database Systems **Credit Hours: 3**

AI and Machine Learning Area

- CAP 4053 - AI for Game Programming **Credit Hours: 3**
- CAP 4453 - Robot Vision **Credit Hours: 3**
- CAP 4630 - Artificial Intelligence **Credit Hours: 3**
- CAP 5415 - Computer Vision **Credit Hours: 3**
- CAP 5512 - Evolutionary Computation **Credit Hours: 3**
- CAP 5610 - Machine Learning **Credit Hours: 3**
- CAP 5636 - Advanced Artificial Intelligence **Credit Hours: 3**

Graphics, Games, and HCI Area

- CAP 4053 - AI for Game Programming **Credit Hours: 3**
- CAP 4720 - Computer Graphics **Credit Hours: 3**
- CNT 5008 - Computer Communication Networks Architecture **Credit Hours: 3**
- CAP 5725 - Computer Graphics I **Credit Hours: 3**

Algorithms and Complexity Area

- COT 4500 - Numerical Calculus **Credit Hours: 3**
- CAP 5510 - Bioinformatics **Credit Hours: 3**
- CAP 5512 - Evolutionary Computation **Credit Hours: 3**
- COP 5021 - Program Analysis **Credit Hours: 3**
- COP 5537 - Network Optimization **Credit Hours: 3**
- COT 5405 - Design and Analysis of Algorithms **Credit Hours: 3**

Software Engineering Area

- CIS 4615 - Secure Software Development and Assurance **Credit Hours: 3**
- COP 4020 - Programming Languages I **Credit Hours: 3**
- COP 4520 - Concepts of Parallel and Distributed Processing **Credit Hours: 3**
- COP 4710 - Database Systems **Credit Hours: 3**
- CEN 5016 - Software Engineering **Credit Hours: 3**
- COP 5021 - Program Analysis **Credit Hours: 3**
- COP 5711 - Parallel and Distributed Database Systems **Credit Hours: 3**

Cybersecurity Area

- CIS 3362 - Cryptography and Information Security **Credit Hours: 3**
- CIS 4203C - Digital Forensics **Credit Hours: 3**
- CIS 4361 - Secure Operating Systems and Administration **Credit Hours: 3**
- CIS 4615 - Secure Software Development and Assurance **Credit Hours: 3**
- CIS 4940C - Topics in Cybersecurity **Credit Hours: 3**
- CAP 4145 - Introduction to Malware Analysis **Credit Hours: 3**
- CNT 4403 - Network Security and Privacy **Credit Hours: 3**
- EEE 4346C - Hardware Security and Trusted Circuit Design **Credit Hours: 3**

Big Data Area

- COP 4520 - Concepts of Parallel and Distributed Processing **Credit Hours: 3**
- COP 4710 - Database Systems **Credit Hours: 3**
- COT 4500 - Numerical Calculus **Credit Hours: 3**
- EEL 4768 - Computer Architecture **Credit Hours: 3**
- CNT 4425C - Cloud Computing Management **Credit Hours: 3**
- CDA 5106 - Advanced Computer Architecture **Credit Hours: 3**
- CNT 5008 - Computer Communication Networks Architecture **Credit Hours: 3**
- CDA 5110 - Parallel Architecture and Algorithms **Credit Hours: 3**
- COP 5611 - Operating Systems Design Principles **Credit Hours: 3**
- CAP 5610 - Machine Learning **Credit Hours: 3**
- COP 5711 - Parallel and Distributed Database Systems **Credit Hours: 3**

Vision and Robotics Area

- CAP 4453 - Robot Vision **Credit Hours: 3**
- CAP 4720 - Computer Graphics **Credit Hours: 3**
- CAP 5415 - Computer Vision **Credit Hours: 3**
- CAP 5725 - Computer Graphics I **Credit Hours: 3**
- EGN 4060C - Introduction to Robotics **Credit Hours: 3**
- EEL 4660 - Robotic Systems **Credit Hours: 3**

- EEL 5820 - Image Processing **Credit Hours: 3**

Computer Networks Area

- CNT 4403 - Network Security and Privacy **Credit Hours: 3**
- CNT 4704 - Analysis of Computer Communication Networks **Credit Hours: 3**
- EEL 4781 - Computer Communication Networks **Credit Hours: 3**
- CNT 5008 - Computer Communication Networks Architecture **Credit Hours: 3**
- COP 5537 - Network Optimization **Credit Hours: 3**
- CNT 5805 - Network Science **Credit Hours: 3**
- EEL 5780 - Wireless Networks **Credit Hours: 3**

Math/Statistics Restricted Electives (6 Credit Hours)

4000-5000 level mathematics or statistics (6 Credit Hours)

courses from: STA, MAP, MAA, MAD, MAS prefixes and the following courses.

No independent study hours, internship, or cooperative education hours are allowed.

- MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4**
- MAP 2302 - Ordinary Differential Equations I **Credit Hours: 3**
- MAS 3105 - Matrix and Linear Algebra **Credit Hours: 4**
- MAS 3106 - Linear Algebra **Credit Hours: 4**

Capstone Requirements (6 Credit Hours)

A "C" (2.0) or better is required in the two courses.

- COP 4934 - Senior Design I **Credit Hours: 3**
- COP 4935 - Senior Design II **Credit Hours: 3**

Electives

Remaining hours needed to meet minimum of 120 hours for graduation should be met with Free Electives.

Foreign Language Requirements

Admissions

- Two years high school, or one year college language (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- None.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Total Combined Credit Hours Required: 138

Shared Courses (12 Credit Hours)

- Up to 12 credit hours of approved 5000 or 6000 level courses of grades B (3.0) or better may be counted towards the BS and Masters degrees. These 12 credit hours will meet either restricted elective or course requirements for the major. Contact the Graduate Coordinator in the Computer Science department for a list of acceptable courses.

Additional Information

Honors In Major

- None

Related Programs

- Computer Engineering
- Information Technology (B.S.)

Certificates

- Cyber Operations Certificate

Related Minors

- Intelligent Robotic Systems (IRS), Interdisciplinary Minor
- Secure Computing and Networks Minor

Advising Notes

- The following will be waived for this joint degree program:
- The limit of nine hours to be shared between undergraduate and graduate programs.
- Undergraduate students taking graduate courses must be within nine hours of graduation
- Undergraduate students taking graduate courses must not register for more than a total of twelve hours in that semester
- Undergraduate students are not eligible to take 6000-level courses

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Graduate Courses Link

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oemas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$9 per term
- Full-Time Student: \$18 per term

Computer Science (B.S.)

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

Program Type

Major

Program Contact Information

College of Engineering & Computer Science
Electrical Engineering & Computer Science Department
Harris Corporation Engineering Center (HEC), 346
407-823-2341
CSundergrad@ucf.edu

Undergraduate Coordinator for CS & IT: Dr. Mark Heinrich
heinrich@cs.ucf.edu

Academic Advisor III: Jenny Shen
Jenny.Shen@ucf.edu

Program Description

Foundation Examination: Prior to taking courses beyond basic core requirements, students must pass a foundation exam (COT 3960) which covers problem solving techniques, algorithms, abstraction, and programming language skills. Tests will be administered each semester. Refer to the computer science website for more information about the foundation exam.

Admission Requirements

- None

Degree Requirements

- Students are required to consult with a departmental advisor and file a plan of study after passing the foundation exam
- Students must meet a Residency Requirement of at least 24 semester hours of regularly scheduled 3000-5000 level courses taken from the Computer Science Department at UCF
- 18 of the 24 Residency hours must be at the 4000-5000 level
- Students must earn at least a grade of "C" (2.0) in each course in sections 2-5. In addition, students must maintain at least a 2.5 GPA in all courses in section 4.
- Students in the Computer Science major are expected to make consistent good progress toward their degrees to remain enrolled in, or eligible for, any major in the College of Engineering & Computer Science (CECS) or the College of Optics and Photonics (COP). Therefore, any student majoring in Computer Science who repeats any UCF course and does not earn a grade of "C" (2.0) or better on the second attempt will be placed on Lack of Progress Probation and remain on Lack of Progress Probation as long as the student is enrolled in a CECS or COP major. If a student on Lack of Progress Probation does not receive a grade of "C" (2.0) or better by the third attempt in the same UCF course, the student will be excluded from all CECS and COP majors. Any student majoring in Computer Science who has accumulated 7 or more unsuccessful attempts (i.e., grades below "C" (2.0) and withdrawals) over all courses taken at UCF will be placed on Lack of Progress Probation and remain on Lack of Progress Probation as long as the student is enrolled in a CECS or COP major. If a student on Lack of Progress Probation has a tenth unsuccessful attempt over all courses taken at UCF, the student will be excluded from all CECS and COP majors.
- A student who is excluded from CECS and COP majors may seek readmission to a major in CECS or COP after at least one full year has passed since exclusion. Readmission is not automatic and is dependent upon a high probability of success after readmission. Any student who is readmitted to the Computer Science major will be subject to all probation conditions that applied at the time of exclusion.

General Education (GEP)

Communication Foundations
12 Total Credits

- Complete all of the following
 - Complete the following:
 - ENC1130 - Improving College-Level Writing (3)
 - ENC1102 - Composition II (3)
 - Prefer:
 - Complete the following:
 - SPC1603C - Fundamentals of Technical Presentations (3)

- SPC1603C - Fundamentals of Technical Presentations (3)

Cultural and Historical Foundations

9 Total Credits

- Earn at least 9 credits from the following course sets:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)

Mathematical Foundations

7 Total Credits

- Complete all of the following
 - Required:
 - Complete the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - STA2023 - Statistical Methods I (3)

Social Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundations

8 Total Credits

- Complete all of the following
 - Preferred:
 - Complete the following:
 - BSC2010C - Biology I (4)

- Earn at least 4 credits from the following course sets:
PHY 2048C
 - PHY2048C - General Physics Using Calculus I Studio (4)
- PHY 2048 and 2048L
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2048L - General Physics Using Calculus I Laboratory (1)

Grand Total Credits: **42**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - A "C" (2.0) or better is required in all courses in this area.
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information.
 - Earn at least 10 credits from the following:
 - COP3223C - Introduction to Programming with C (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - PHY 2048C - General Physics Using Calculus I (or PHY2048 and PHY2048L) Credit Hours: 4 (GEP)
 - PHY 2049C - General Physics Using Calculus II (or PHY2049 and PHY2049L) Credit Hours: 4
 - GEP Courses: MAC 2311C, PHY 2048C/PHY2048 & PHY 2048L
Select Two:
 - Complete all of the following
 - 4 hours for this requirement assumes that BSC 2010C is taken since the hours for this course are also in the GEP.
 - Earn at least 4 credits from the following:
 - BSC2010C - Biology I (4)
 - BSC2011C - Biology II (4)
 - Course Not Found
 - CHM2046 - Chemistry Fundamentals II (3)
 - PHY3101 - General Physics Using Calculus III (3)
 - GEP Course: BSC 2010C

Grand Total Credits: **14**

Degree Requirements

Core Requirements: Basic Level

30 Total Credits

- Complete all of the following
 - Earn at least 27 credits from the following:
 - STA2023 - Statistical Methods I (3)
 - COP3330 - Object Oriented Programming (3)
 - COP3502C - Computer Science I (3)
 - COP3503C - Computer Science II (3)
 - CDA3103C - Computer Logic and Organization (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - CIS3360 - Security in Computing (3)
 - COP3402 - Systems Software (3)
 - COT4210 - Discrete Structures II (3)
 - COP4331C - Processes for Object-Oriented Software Development (3)
 - COT3960 - Foundation Exam
 - Complete at least 1 of the following:
 - ENC3241 - Writing for the Technical Professional (3)
 - ENC3250 - Professional Writing (3)

Grand Total Credits: **30**

Program Details

Core Requirements: Advanced Level (18 Credit Hours)

- Any 4000-5000 level Computer Science (CS) course that is not a required undergraduate course will count as a restricted elective.
- Only ONE of the following six Information Technology courses may count as a CS Restricted Elective: CAP 4102, CIS 4004, CIS 4524, CNT 4603, CNT 4703, and CNT 4714.
- At most 3 hours of independent study or research allowed. No internship or cooperative education credits are allowed.
- It is recommended that students take at least 3 classes from a primary area to gain an in-depth knowledge in that area of Computer Science.
- It is recommended that students take classes from at least 2 different secondary areas to gain a broad knowledge of Computer Science. These courses may also be listed in the student's primary area.
- A minimum grade of "C" (2.0) or better is required in each course in this area.
- Students must maintain at least a 2.5 GPA in all courses in this section.
- The courses listed in the areas below are for ease of reference only.

Systems Area

- COP 4520 - Concepts of Parallel and Distributed Processing **Credit Hours: 3**
- COP 4600 - Operating Systems **Credit Hours: 3**
- COP 4710 - Database Systems **Credit Hours: 3**
- EEL 4768 - Computer Architecture **Credit Hours: 3**
- CDA 5106 - Advanced Computer Architecture **Credit Hours: 3**
- COP 5611 - Operating Systems Design Principles **Credit Hours: 3**
- COP 5711 - Parallel and Distributed Database Systems **Credit Hours: 3**

AI and Machine Learning Area

- CAP 4053 - AI for Game Programming **Credit Hours: 3**
- CAP 4453 - Robot Vision **Credit Hours: 3**
- CAP 4611 - Algorithms for Machine Learning **Credit Hours: 3**
- CAP 4630 - Artificial Intelligence **Credit Hours: 3**
- CAP 5415 - Computer Vision **Credit Hours: 3**
- CAP 5512 - Evolutionary Computation **Credit Hours: 3**
- CAP 5610 - Machine Learning **Credit Hours: 3**
- CAP 5636 - Advanced Artificial Intelligence **Credit Hours: 3**

Graphics, Games, and HCI Area

- CAP 4053 - AI for Game Programming **Credit Hours: 3**
- CAP 4720 - Computer Graphics **Credit Hours: 3**
- CNT 5008 - Computer Communication Networks Architecture **Credit Hours: 3**
- CAP 5725 - Computer Graphics I **Credit Hours: 3**

Algorithms and Complexity Area

- COT 4500 - Numerical Calculus **Credit Hours: 3**
- CAP 5510 - Bioinformatics **Credit Hours: 3**
- CAP 5512 - Evolutionary Computation **Credit Hours: 3**
- COP 5021 - Program Analysis **Credit Hours: 3**
- COP 5537 - Network Optimization **Credit Hours: 3**

- COT 5405 - Design and Analysis of Algorithms **Credit Hours: 3**

Software Engineering Area

- CIS 4615 - Secure Software Development and Assurance **Credit Hours: 3**
- COP 4020 - Programming Languages I **Credit Hours: 3**
- COP 4520 - Concepts of Parallel and Distributed Processing **Credit Hours: 3**
- COP 4710 - Database Systems **Credit Hours: 3**
- CEN 5016 - Software Engineering **Credit Hours: 3**
- COP 5021 - Program Analysis **Credit Hours: 3**
- COP 5711 - Parallel and Distributed Database Systems **Credit Hours: 3**

Cybersecurity Area

- CIS 3362 - Cryptography and Information Security **Credit Hours: 3**
- CIS 4203C - Digital Forensics **Credit Hours: 3**
- CIS 4361 - Secure Operating Systems and Administration **Credit Hours: 3**
- CIS 4615 - Secure Software Development and Assurance **Credit Hours: 3**
- CIS 4940C - Topics in Cybersecurity **Credit Hours: 3**
- CNT 4403 - Network Security and Privacy **Credit Hours: 3**
- EEE 4346C - Hardware Security and Trusted Circuit Design **Credit Hours: 3**
- CAP 4145 - Introduction to Malware Analysis **Credit Hours: 3**

Big Data Area

- COP 4520 - Concepts of Parallel and Distributed Processing **Credit Hours: 3**
- COP 4710 - Database Systems **Credit Hours: 3**
- COT 4500 - Numerical Calculus **Credit Hours: 3**
- EEL 4768 - Computer Architecture **Credit Hours: 3**
- CDA 5106 - Advanced Computer Architecture **Credit Hours: 3**
- CNT 5008 - Computer Communication Networks Architecture **Credit Hours: 3**
- CDA 5110 - Parallel Architecture and Algorithms **Credit Hours: 3**
- COP 5611 - Operating Systems Design Principles **Credit Hours: 3**
- CAP 5610 - Machine Learning **Credit Hours: 3**
- COP 5711 - Parallel and Distributed Database Systems **Credit Hours: 3**
- CNT 4425C - Cloud Computing Management **Credit Hours: 3**

Vision and Robotics Area

- CAP 4453 - Robot Vision **Credit Hours: 3**
- CAP 4720 - Computer Graphics **Credit Hours: 3**
- CAP 5415 - Computer Vision **Credit Hours: 3**
- CAP 5725 - Computer Graphics I **Credit Hours: 3**
- EGN 4060C - Introduction to Robotics **Credit Hours: 3**
- EEL 4660 - Robotic Systems **Credit Hours: 3**
- EEL 5820 - Image Processing **Credit Hours: 3**

Computer Networks Area

- CNT 4403 - Network Security and Privacy **Credit Hours: 3**
- CNT 4704 - Analysis of Computer Communication Networks **Credit Hours: 3**
- EEL 4781 - Computer Communication Networks **Credit Hours: 3**
- CNT 5008 - Computer Communication Networks Architecture **Credit Hours: 3**
- COP 5537 - Network Optimization **Credit Hours: 3**
- CNT 5805 - Network Science **Credit Hours: 3**
- EEL 5780 - Wireless Networks **Credit Hours: 3**

Math/Statistics Restricted Electives

- A "C" (2.0) or better is required in each course in this area.

Advanced mathematics or statistics (6 Credit Hours)

Choose at least two courses from the following list of approved choices to satisfy this requirement:

Any 4000-5000 level courses with STA, MAP, MAA, MAD or MAS prefixes, except independent study hours, internship, or cooperative education hours.

- MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4**
- MAP 2302 - Ordinary Differential Equations I **Credit Hours: 3**
- MAS 3105 - Matrix and Linear Algebra **Credit Hours: 4**
- MAS 3106 - Linear Algebra **Credit Hours: 4**

Capstone Requirements (6 Credit Hours)

A "C" (2.0) or better is required in each of the two courses.

- COP 4934 - Senior Design I **Credit Hours: 3**
- COP 4935 - Senior Design II **Credit Hours: 3**

Electives

Remaining hours needed to meet the minimum of 120 hours for graduation should be met with Free Electives.

Foreign Language Requirements

Admissions

- Two years high school, or one year college language (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- None.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- None

Related Programs

- Computer Engineering
- Information Technology (B.S.)

Certificates

- Cyber Operations Certificate

Related Minors

- Intelligent Robotic Systems (IRS), Interdisciplinary Minor
- Secure Computing and Networks Minor

Advising Notes

- The Computer Science program offers the Accelerated BS/MS Program to students of high academic standing. This program allows up to twelve hours to be shared between the BS and MS degrees. See your department or the Accelerated program section in the back of this catalog for more information.

Transfer Notes

- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$28 per term
- Full-Time Student: \$57 per term

Plan of Study

Freshman Year - Fall (13 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- SPC 1603C - Fundamentals of Technical Presentations **Credit Hours: 3**
- COP 3223C - Introduction to Programming with C **Credit Hours: 3**
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**

Freshman Year - Spring (12 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- COT 3100C - Introduction to Discrete Structures **Credit Hours: 3**
- COP 3502C - Computer Science I **Credit Hours: 3**
- CDA 3103C - Computer Logic and Organization **Credit Hours: 3**

Freshman Year - Summer (7 Credit Hours)

- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**
- COP 3330 - Object Oriented Programming **Credit Hours: 3**
- COT 3960 - Foundation Exam **Credit Hours: 0**

Sophomore Year - Fall (13 Credit Hours)

- COP 3402 - Systems Software **Credit Hours: 3**
- COP 3503C - Computer Science II **Credit Hours: 3**
- PHY 2048C - General Physics Using Calculus I (or PHY2048 and PHY2048L) **Credit Hours: 4**

- GEP **Credit Hours: 3**

Sophomore Year - Spring (13 Credit Hours)

- COP 4331C - Processes for Object-Oriented Software Development **Credit Hours: 3**
- PHY 2049C - General Physics Using Calculus II (or PHY2049 and PHY2049L) **Credit Hours: 4**
- CIS 3360 - Security in Computing **Credit Hours: 3**

Select One: (3 Credit Hours)

- ENC 3241 - Writing for the Technical Professional **Credit Hours: 3**
- ENC 3250 - Professional Writing **Credit Hours: 3**

Sophomore Year - Summer (6 Credit Hours)

- STA 2023 - Statistical Methods I **Credit Hours: 3**
- GEP **Credit Hours: 3**

Junior Year - Fall (13 Credit Hours)

- BSC 2010C - Biology I **Credit Hours: 4**
 - GEP **Credit Hours: 3**
 - Area Course **Credit Hours: 3**
- Math/Stat Restricted Elective **Credit Hours: 3**

Junior Year - Spring (13 Credit Hours)

- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
- Math/Stat Restricted Elective **Credit Hours: 3**
- Area Course **Credit Hours: 3**
- Area Course **Credit Hours: 3**

Junior Year - Summer (6 Credit Hours)

- Free Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

Senior Year - Fall (12 Credit Hours)

- Area Course **Credit Hours: 3**
- Area Course **Credit Hours: 3**

- COP 4934 - Senior Design I **Credit Hours: 3**
- COT 4210 - Discrete Structures II **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- Area Course **Credit Hours: 3**
- COP 4935 - Senior Design II **Credit Hours: 3**

Area Course **Credit Hours: 3**

Free Elective **Credit Hours: 3**

Computer Science Minor

College

College of Engineering and Computer Science

Program Type

Minor

Program Contact Information

College of Engineering & Computer Science
Electrical Engineering & Computer Science Department
Harris Corp. Engineering Center (HEC), 346
 407-823-2341
 CSundergrad@ucf.edu

Associate Lecturer: Dr. Mark Llewellyn
 407-823-2790
 Mark.Llewellyn@ucf.edu

Program Description

Minor Admission Requirements

- Not open to Computer Engineering, Computer Science or Information Technology majors.

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Required Courses

18 Total Credits

- Complete all of the following
 - Complete the following:
 - COP3223C - Introduction to Programming with C (3)
 - COP3330 - Object Oriented Programming (3)
 - COP3502C - Computer Science I (3)
 - COP3503C - Computer Science II (3)
 - CDA3103C - Computer Logic and Organization (3)
 - Complete at least 1 of the following:
 - COT3100C - Introduction to Discrete Structures (3)
 - MAD2104 - Foundations of Discrete Math (3)

Grand Total Credits: **18**

Program Details

Restricted Electives

- None

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

Other Requirements

- Not open to Computer Engineering, Computer Science or Information Technology majors.
- A grade of "C" (2.0) or better is required in each course used to satisfy the minor.
- At least 9 hours used in the minor must be earned within Computer Science at UCF.
- No credit by exam (TSD, Military credit) may be used.
- Internship, cooperative education, or Independent Study credit cannot be used toward the minor.

Construction Engineering (B.S.Con.E.)

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

Program Type

Major

Program Contact Information

College of Engineering & Computer Science
Department of Civil, Environmental and Construction Engineering
Engineering II (ENG2), 211
407-823-2841

Undergraduate Advisor: Mary Smith
Mary.Smith2@ucf.edu

Professor: Dr. Amr A. Oloufa
Amr.Oloufa@ucf.edu

Program Description

Admission Requirements

- Students wanting to declare a major in an engineering discipline must be in good academic standing and must have a "C" (2.0) or better in each of the following courses or their equivalents: MAC 2311C, MAC 2312, PHY 2048C, and CHS 1440 or CHM 2045C or CHM 2040 AND CHM 2041.
- Students wanting to declare a major in an engineering discipline must complete a change of major in the term of completion of the final pending prerequisite course(s) listed above.

Degree Requirements (128 Credit Hours)

- The College of Engineering & Computer Science requires all engineering students to achieve a minimum 2.25 GPA in completing the courses from section Basic Core Requirements, section Advanced Core Requirements, section Restricted Electives and section Capstone Requirements listed below. Independent study courses generally do not satisfy major requirements.
- A "C" (2.0) or better is required in each pre-requisite course in section Common Program Prerequisites, section Advanced Core Requirements, and section Capstone Requirements.
- Students in the Construction Engineering major are expected to make consistent good progress toward their degrees to remain enrolled in, or eligible for, any major in the College of Engineering & Computer Science (CECS) or the College of Optics and Photonics (COP). Therefore, any student majoring in Construction Engineering who repeats any UCF course and does not earn a grade of "C" (2.0) or better on the second attempt will be placed on Lack of Progress Probation and remain on Lack of Progress Probation as long as the student is enrolled in a CECS or COP major. If a student on Lack of Progress Probation does not receive a grade of "C" (2.0) or better by the third attempt in the same UCF course, the student will be excluded from all CECS and COP majors. Any student majoring in Construction Engineering who has accumulated 7 or more unsuccessful attempts (i.e., grades below "C" (2.0) and withdrawals) over all courses taken at UCF will be placed on Lack of Progress Probation and remain on Lack of Progress Probation as long as the student is enrolled in a CECS or COP major. If a student on Lack of Progress Probation has a tenth unsuccessful attempt over all courses taken at UCF, the student will be excluded from all CECS and COP majors.
- A student who is excluded from CECS and COP majors may seek readmission to a major in CECS or COP after at least one full year has passed since exclusion. Readmission is not automatic and is dependent upon a high probability of success after readmission. Any student who is readmitted to the Construction Engineering major will be subject to all probation conditions that applied at the time of exclusion.

General Education (GEP)

- Complete all of the following
 - The UCF General Education Program (GEP) is described in this catalog. Engineering students should closely study the requirements of the UCF GEP and the allowable substitutions detailed in paragraphs A. through E. below to minimize excess hours. Students transferring to UCF from within the Florida College System or State University system should complete the GEP and the Common Program Prerequisites before transferring.
Communication Foundations
 - Complete all of the following
 - Required:
 - Complete the following:
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 of the following:
 - SPC1603C - Fundamentals of Technical Presentations (3)

- SPC1608 - Fundamentals of Oral Communication (3)
 - Preferred: SPC 1603C
 - Suggested: SPC 1608
- Cultural and Historical Foundations
 - Complete all of the following
 - Earn at least 6 credits from the following types of courses:
Historical Foundations
 - Earn at least 3 credits from the following types of courses:
Cultural Foundations - Suggested MUL 2010, PHI 2010 or THE 2000
- Mathematical Foundations
 - Complete all of the following
 - Required:
 - Complete the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - STA3032 - Probability and Statistics for Engineers (3)
- Social Foundations
 - Complete all of the following
 - Complete at least 1 courses from the following:
GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - Complete at least 1 courses from the following:
GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
- Science Foundations
 - Complete all of the following
 - Required:
 - Earn at least 4 credits from the following course sets:
PHY 2048C
 - PHY2048C - General Physics Using Calculus I Studio (4)
 - PHY 2048 and 2048L
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2048L - General Physics Using Calculus I Laboratory (1)
 - Earn at least 3 credits from the following course sets:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **38**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - These courses are specifically required for all engineering students of the Florida State University System. CPP courses are also available at other Florida post-secondary schools and may be transferred directly to UCF programs.
 - See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
 - A grade of "C" (2.0) or better is required in each course in this section.
 - Earn at least 15 credits from the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - MAC2313 - Calculus with Analytic Geometry III (4)
 - MAP2302 - Ordinary Differential Equations I (3)
 - PHY2048C - General Physics Using Calculus I Studio (4)
 - PHY2049 - General Physics Using Calculus II (3)
 - PHY 2048C - General Physics Using Calculus I (or PHY2048 and PHY2048L) Credit Hours: 4
 - PHY 2049 - General Physics Using Calculus II (or PHY2049 and PHY2049L)
 - GEP Courses: MAC 2311C and PHY 2048C
 - Complete at least 1 of the following:
 - CHS1440 - Principles of Chemistry (4)
 - CHM2045C - Chemistry Fundamentals I (4)

Grand Total Credits: **19**

Degree Requirements

Core Requirements: Basic Level
2 Total Credits

- Complete the following:
 - EGS1006C - Introduction to the Engineering Profession (1)
 - EGN1007C - Engineering Concepts and Methods (1)

Core Requirements: Advanced Level
55 Total Credits

- Complete all of the following
 - Earn at least 55 credits from the following:
 - EGN3310 - Engineering Analysis-Statics (3)
 - EGN3321 - Engineering Analysis-Dynamics (3)
 - EGN3331C - Mechanics of Materials (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - EGN3613 - Engineering Economic Analysis (2)
 - ENV3001 - Environmental Engineering (3)
 - CWR3201 - Engineering Fluid Mechanics (3)
 - CCE4003 - Introduction to the Construction Industry (3)
 - CCE4034 - Construction Estimating and Scheduling (3)
 - CCE4813 - Mechanical and Electrical Systems for Buildings: (4)
 - CCE4402 - Construction Equipment and Productivity (3)
 - CCE4004 - Construction Methods (3)
 - CEG4011C - Geotechnical Engineering I (4)
 - CGN3501C - Civil Engineering Materials (3)
 - CGN3700C - Civil Engineering Measurements (2)
 - ACG2071 - Principles of Managerial Accounting (3)
 - CES4100C - Structural Analysis I and Lab (4)
 - CGN3405 - Applied Numerical Methods for Civil Engineering (3)
 - CWR4202C - Hydraulics (3)
 - A "C" (2.0) or better is required in the following courses: EGN 3310, EGN 3331C, EGN3613, CWR 3201, CCE 4003, CCE 4034, CCE 4813, CES 4100C and CGN 3405

Restricted Electives
8 Total Credits

- Earn at least 8 credits from the following types of courses:
Technical electives are available in the BSConE program to address specific student interests in a variety of technical areas. Students should consult the CECE website and their assigned academic advisor for a list of the approved technical electives and the terms when specific courses of this type are to be offered.

Capstone Requirements
6 Total Credits

- Required Senior Design Courses
- Complete all of the following
 - Complete the following:
 - CCE4810C - Construction Design Project (3)
 - CGN4808C - CECE Capstone Design (3)
 - A "C" (2.0) or better is required in CCE 4810C

Grand Total Credits: **71**

Program Details

Electives

- None

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- Construction engineering students must take the Fundamentals of Engineering (FE) Exam during their Senior year.

Required Minors

- None

Departmental Exit Requirements

- None

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 128

Additional Information

Honors In Major

- None

Related Programs

- Civil Engineering (B.S.C.E.)
- Environmental Engineering (B.S.Env.E)

Certificates

- None

Related Minors

- Mathematics Minor
- Engineering Leadership Minor
- Business Minor

Advising Notes

- Each engineering student is assigned a qualified engineering academic advisor in the department of his/her major. Each student should seek academic advisement before registering for classes each semester to minimize excess hours and to ensure that satisfactory academic progress is being maintained.
- The Construction Engineering program offers the opportunity for exceptionally well qualified undergraduates to enter directly into the PhD program after completion of an appropriate BS degree. This option allows outstanding undergraduates to begin planning a research program with a specific faculty advisor even before finishing the BS, and may allow completion of the PhD in a shorter time period than by taking a separate Master's followed by the PhD.
- This Construction Engineering program has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit <https://apq.ucf.edu/files/Licensure-Disclosure-CECS-Construction-Engineering-BS.pdf>

Transfer Notes

- Courses transferred must be formally evaluated for equivalency credit. The student must provide all supporting information with his/her petition for this evaluation.
- EGS 1006C and EGN 1007C are required courses for incoming freshmen only. The credits for these two courses (one hour for each) may, with prior approval of the department academic advisor, be moved to the Restricted Elective area.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oemas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$43 per term
- Full-Time Student: \$85 per term

Plan of Study (128 Credit Hours)

- The tentative course schedule listed below is a guide for those students who plan on completing their degree in four years. All engineering students should meet with their departmental academic advisor to develop and maintain an appropriate plan of study.

Freshman Year - Fall (15 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- GEP **Credit Hours: 3**
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**

- EGS 1006C - Introduction to the Engineering Profession **Credit Hours: 1**
- CHS 1440 - Principles of Chemistry **Credit Hours: 4 or**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**

Freshman Year - Spring (14 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**
- PHY 2048C - General Physics Using Calculus I (or PHY2048 and PHY2048L) **Credit Hours: 4**
- EGN 1007C - Engineering Concepts and Methods **Credit Hours: 1**
- EGN 3613 - Engineering Economic Analysis **Credit Hours: 2**

Sophomore Year - Fall (16 Credit Hours)

- MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4**
- EGN 3310 - Engineering Analysis-Statics **Credit Hours: 3**
- GEP **Credit Hours: 3**
- ENV 3001 - Environmental Engineering **Credit Hours: 3**
- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3**

Sophomore Year - Spring (16 Credit Hours)

- MAP 2302 - Ordinary Differential Equations I **Credit Hours: 3**
- EGN 3331C - Mechanics of Materials **Credit Hours: 3**
- PHY 2049C - General Physics Using Calculus II (or PHY2049 and PHY2049L) **Credit Hours: 4**
- EGN 3321 - Engineering Analysis-Dynamics **Credit Hours: 3**
- CGN 3405 - Applied Numerical Methods for Civil Engineering **Credit Hours: 3**

Sophomore Year - Summer (9 Credit Hours)

- CCE 4003 - Introduction to the Construction Industry **Credit Hours: 3**
- CWR 3201 - Engineering Fluid Mechanics **Credit Hours: 3**
- GEP **Credit Hours: 3**

Junior Year - Fall (16 Credit Hours)

- CES 4100C - Structural Analysis I and Lab **Credit Hours: 4**
- GEP **Credit Hours: 3**
- CCE 4034 - Construction Estimating and Scheduling **Credit Hours: 3**
- CCE 4813 - Mechanical and Electrical Systems for Buildings: **Credit Hours: 4**
- CGN 3700C - Civil Engineering Measurements **Credit Hours: 2**

Junior Year - Spring (16 Credit Hours)

- CCE 4004 - Construction Methods **Credit Hours: 3**
- CCE 4402 - Construction Equipment and Productivity **Credit Hours: 3**

- CCE 4810C - Construction Design Project **Credit Hours: 3**
- CEG 4011C - Geotechnical Engineering I **Credit Hours: 4**
- GEP **Credit Hours: 3**

Senior Year - Fall (14 Credit Hours)

- CGN 3501C - Civil Engineering Materials **Credit Hours: 3**
- Approved Technical Elective **Credit Hours: 2**
- ACG 2071 - Principles of Managerial Accounting **Credit Hours: 3**
- CWR 4202C - Hydraulics **Credit Hours: 3**
- GEP **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- CGN 4808C - CECE Capstone Design **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Technical Electives **Credit Hours: 6**

Construction Engineering B.S.Con.E. to M.S.C.E. Program

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

Program Type

Accelerated UndergraduateGraduate Program

Program Contact Information

College of Engineering and Computer Science
Department of Civil, Environmental and Construction Engineering
Engineering II (ENG2), 211
 407-823-2841

Associate Professor: Dr. Andrew Randall
 407-823-6429
 andrew.randall@ucf.edu

Associate Chair: Dr. Kevin Mackie
 Kevin.Mackie@ucf.edu

Program Description

Admission Requirements

- See Common Program Prerequisites.
- Qualified students may apply after completion of a minimum of 64 credit hours.
- Completion of no more than 96 credit hours.
- A minimum UCF GPA of at least 3.2 in all upper division courses.
- Courses that must be completed with a "B" or better for eligibility: EGN 3331C (Mechanics of Materials), CWR 4202C (Hydraulics), CGN 3405 (Numerical Methods) and STA 3032 (Probability and Statistics)
- Admission to the Accelerated Program does not guarantee formal admission to the MSCE, MS Transportation Systems, MS Water Resources, or MS Structural and Geotechnical program.
- Admission is not automatic. Interested students may need to be interviewed.

General Education (GEP)

38 Total Credits

- See Civil Engineering major in the Catalog for specific GEP requirements

Communication Foundations

9 Total Credits

- Earn at least 9 credits from the following types of courses:
Communications

Cultural & Historical Foundations

9 Total Credits

- Earn at least 9 credits from the following types of courses:
Cultural & Historical

Mathematical Foundations

7 Total Credits

- Earn at least 7 credits from the following types of courses:
Mathematical

Social Foundations

6 Total Credits

- Earn at least 6 credits from the following types of courses:
Social

Science Foundations

7 Total Credits

- Complete all of the following
 - Earn at least 4 credits from the following types of courses:
Science
 - Earn at least 3 credits from the following types of courses:
Science Foundations 2

Grand Total Credits: **38**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - Earn at least 19 credits from the following types of courses:
See Civil Engineering major in the Catalog for CPP requirements.
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

Grand Total Credits: **19**

Degree Requirements

Core Requirements: Basic Level

2 Total Credits

- Complete the following:
 - EGS1006C - Introduction to the Engineering Profession (1)
 - EGN1007C - Engineering Concepts and Methods (1)

Grand Total Credits: **2**

Program Details

Core Requirements: Advanced Level (55 hrs)

- EGN 3310 - Engineering Analysis-Statics **Credit Hours: 3 1**
- EGN 3321 - Engineering Analysis-Dynamics **Credit Hours: 3 1**
- EGN 3331C - Mechanics of Materials **Credit Hours: 3 1**
- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3 1**
- EGN 3613 - Engineering Economic Analysis **Credit Hours: 2 1**
- ENV 3001 - Environmental Engineering **Credit Hours: 3**
- CWR 3201 - Engineering Fluid Mechanics **Credit Hours: 3 1**
- CCE 4003 - Introduction to the Construction Industry **Credit Hours: 3 1**
- CCE 4034 - Construction Estimating and Scheduling **Credit Hours: 3 1**
- CCE 4813 - Mechanical and Electrical Systems for Buildings: **Credit Hours: 4 1**
- CCE 4402 - Construction Equipment and Productivity **Credit Hours: 3**
- CCE 4004 - Construction Methods **Credit Hours: 3**
- CEG 4011C - Geotechnical Engineering I **Credit Hours: 4**
- CGN 3501C - Civil Engineering Materials **Credit Hours: 3**
- CGN 3700C - Civil Engineering Measurements **Credit Hours: 2**
- ACG 2071 - Principles of Managerial Accounting **Credit Hours: 3**
- CES 4100C - Structural Analysis I and Lab **Credit Hours: 4 1**
- CGN 3405 - Applied Numerical Methods for Civil Engineering **Credit Hours: 3 1**
- CWR 4202C - Hydraulics **Credit Hours: 3**

1: A "C" (2.0) or better is required in this course

Geotechnical Engineering

- CEG 6065 - Soil Dynamics **Credit Hours: 3**
- CEG 6115 - Foundation Engineering **Credit Hours: 3**
- CEG 6317 - Advanced Geotechnical Engineering **Credit Hours: 3**

Structural Engineering

- CES 5144 - Matrix Methods for Structural Analysis **Credit Hours: 3**
- CES 5325 - Bridge Engineering **Credit Hours: 3**
- CES 5606 - Advanced Steel Structures **Credit Hours: 3**
- CES 5706 - Advanced Reinforced Concrete **Credit Hours: 3**
- CES 5821 - Masonry and Timber Design **Credit Hours: 3**
- CES 6010 - Structural Reliability **Credit Hours: 3**
- CES 6116 - Finite Element Structural Analysis **Credit Hours: 3**
- CES 6209 - Dynamics of Structures **Credit Hours: 3**
- CES 6220 - Wind and Earthquake Engineering **Credit Hours: 3**
- CES 6230 - Advanced Structural Mechanics **Credit Hours: 3**
- CES 6527 - Nonlinear Structural Analysis **Credit Hours: 3**
- CES 6715 - Prestressed Concrete Structures **Credit Hours: 3**
- CES 6840 - Composite Steel Concrete Structures **Credit Hours: 3**

Transportation Engineering

- TTE 5204 - Traffic Engineering **Credit Hours: 3**
- TTE 5805 - Geometric Design of Transportation Systems **Credit Hours: 3**
- TTE 5835 - Pavement Engineering **Credit Hours: 3**
- TTE 6205 - Highway Capacity **Credit Hours: 3**
- TTE 6256 - Traffic Operations **Credit Hours: 3**
- TTE 6270 - Intelligent Transportation Systems **Credit Hours: 3**
- TTE 6315 - Traffic Safety Analysis **Credit Hours: 3**

- TTE 6526 - Planning and Design of Airports **Credit Hours: 3**
- TTE 6625 - Mass Transportation Systems **Credit Hours: 3**
- CGN 6655 - Regional Planning, Design, and Development **Credit Hours: 3**

Water Resources Engineering

- CWR 5125 - Groundwater Hydrology **Credit Hours: 3**
- CWR 5205 - Hydraulic Engineering **Credit Hours: 3**
- CWR 5515 - Numerical Methods in Civil and Environmental Engineering **Credit Hours: 3**
- CWR 5545 - Water Resources Engineering **Credit Hours: 3**
- CWR 5634 - Water Resources in a Changing Environment **Credit Hours: 3**
- CWR 6102 - Advanced Hydrology **Credit Hours: 3**
- CWR 6126 - Groundwater Modeling **Credit Hours: 3**
- CWR 6235 - Open Channel Hydraulics **Credit Hours: 3**
- CWR 6236 - River Engineering and Sediment Transport **Credit Hours: 3**
- CWR 6535 - Modeling Water Resources Systems **Credit Hours: 3**

Construction Engineering and Management

- CCE 5205 - Decision Support for Infrastructure Projects **Credit Hours: 3**
- CCE 5006 - Infrastructure Systems Management **Credit Hours: 3**
- CCE 5220 - Sustainable Infrastructure Systems **Credit Hours: 3**
- CCE 5937 - Construction Contracts **Credit Hours: 3**
- CCE 6036 - Advanced Construction Planning and Control **Credit Hours: 3**
- CCE 6211 - Design and Monitoring of Construction Processes **Credit Hours: 3**
- CCE 6045 - Cost Analysis of Sustainable Infrastructure Systems **Credit Hours: 3**

Restricted Electives (3 hrs)

- Students should consult the CECE website and their assigned academic advisor for a list of the approved technical electives and the terms when specific courses of this type are to be offered.

Capstone Requirements (6 hrs)

Required Senior Design Courses:

- CCE 4810C - Construction Design Project **Credit Hours: 3** 1
- CGN 4808C - CECE Capstone Design **Credit Hours: 3**

1: A "C" (2.0) or better is required in this course.

Electives

- None

Foreign Language Requirements

Admissions

- Two years of foreign language in high school, or one year of foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- Construction engineering students must take the Fundamentals of Engineering (FE) Exam during their Senior year.

Required Minors

- None

Departmental Exit Requirements

- None

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits

permitted.

- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required

- 128

Total Combined Hours Required

- 146

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- Each engineering student is assigned a qualified engineering academic advisor in the department of his/her major. Each student should seek academic advisement before registering for classes each semester to minimize excess hours and to ensure that satisfactory academic progress is being maintained.
- The following will be waived for this joint degree program:
- The limit of nine hours to be shared between undergraduate and graduate programs.
- Undergraduate students taking graduate courses must be within nine hours of graduation

- Undergraduate students taking graduate courses must not register for more than a total of twelve hours in that semester
- Undergraduate students are not eligible to take 6000-level courses
- This Construction Engineering program has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit <https://apq.ucf.edu/files/Licensure-Disclosure-CECS-Construction-Engineering-BS.pdf>

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Shared Courses

- Shared B.S.C.E./M.S.C.E.
- Up to 12 credit hours of approved 5000 and 6000 level courses with grades of "B" (3.0) or better may be counted towards the B.S. and Masters degrees. These 12 credit hours will meet either technical elective or course requirements for the major. Contact the Graduate Coordinator in the Civil, Environmental, and Construction Engineering department for a list of acceptable courses.

Graduate Courses Link

- <http://www.graduatecatalog.ucf.edu/content/Courses.aspx>

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$43 per term
- Full-Time Student: \$85 per term

Cyber Operations Certificate

College

College of Engineering and Computer Science

Department

Department of Electrical and Computer Engineering

Program Type

Certificate

Program Contact Information

College of Engineering & Computer Science
Electrical Engineering & Computer Science Department
Harris Corporation Engineering Center (HEC), 346
407-823-5373
CSundergrad@ucf.edu

Associate Instructor: *Dr. Thomas Nedorost*
Thomas.Nedorost@ucf.edu

Program Description

This certificate distinguishes those students with special training in cyber operations. Recommended for students majoring in Computer Science, Information Technology, and Computer Engineering seeking additional academic content in cyber security.

Admission Requirements

- None

Certificate Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Required Courses

30 - 34 Total Credits

- Complete all of the following
 - Complete the following:
 - COP3502C - Computer Science I (3)
 - CIS3360 - Security in Computing (3)
 - CIS3362 - Cryptography and Information Security (3)
 - CIS4615 - Secure Software Development and Assurance (3)
 - CIS4940C - Topics in Cybersecurity (3)
 - CAP4145 - Introduction to Malware Analysis (3)
 - Complete at least 1 of the following:
 - COT3100C - Introduction to Discrete Structures (3)
 - MAD2104 - Foundations of Discrete Math (3)
 - Complete at least 1 of the following:
 - COP4600 - Operating Systems (3)
 - CGS3763 - Operating System Concepts (3)
 - Complete at least 1 of the following:
 - CNT4704 - Analysis of Computer Communication Networks (3)
 - EEL4781 - Computer Communication Networks (3)
- Select one of the following sequences of courses:
 - Complete 1 of the following
 - Complete the following:
 - CDA3103C - Computer Logic and Organization (3)
 - EEL4768 - Computer Architecture (3)
 - Or
 - Complete the following:
 - EEL3801C - Computer Organization (4)
 - EEL4768 - Computer Architecture (3)
 - Or
 - Complete the following:
 - CGS3269 - Computer Architecture Concepts (3)

Restricted Electives

9 Total Credits

- Complete all of the following
 - Earn at least 9 credits from the following:
 - CAP3104 - Foundations of HCI (3)
 - CIS4203C - Digital Forensics (3)
 - CIS4524 - Managing IT Integration (3)
 - CNT4714 - Enterprise Computing (3)
 - COP3402 - Systems Software (3)
 - EEE4346C - Hardware Security and Trusted Circuit Design (3)
 - EEL4783 - Hardware Description Languages in Digital Systems Design (3)
 - EEL 5722C - Field-Programmable Gate Array (FPGA) Design Credit Hours: 3

Grand Total Credits: **39 - 43**

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 39

Other Requirements

- A grade of "C" (2.0) or better is required in each course toward this certificate.
- A student may not earn both the Cyber Operations Certificate and the Secure Computing and Networks Minor.
- Total hours required may vary based on courses selected to meet requirements.

Electrical Engineering - Accelerated Undergraduate-Graduate (B.S.E.E. / M.S.E.E.)

College

College of Engineering and Computer Science

Department

Department of Electrical and Computer Engineering

Program Type

Accelerated UndergraduateGraduate Program

Program Contact Information

College of Engineering & Computer Science
Electrical & Computer Engineering Department
Harris Corporation Engineering Center (HEC), 439
407-823-3327
eecpe-grad@ece.ucf.edu

Professor & Graduate Coordinator: Dr. Kalpathy Sundaram
Graduate Student Services Coordinator: Diana Camerino
407-823-3327

Program Description

Admission Requirements

- See Common Program Prerequisites .
- Qualified students may apply after completion of a minimum of 64 credit hours.
- Completion of no more than 96 credit hours.
- Completion of the GRE with a highly competitive score by the end of first semester of the senior year.
- Admission is not automatic. Interested students may need to be interviewed.
- Admission to the Accelerated Program does not guarantee formal admission to the MSEE program.

Degree Requirements

- None

General Education (GEP)

38 Total Credits

- Complete all of the following
 - See Electrical Engineering major in the catalog for track specific GEP requirements.
 - Earn at least 38 credits from the following types of courses:
 - GEP Foundations
 - Communication Foundations
 - Cultural & Historical Foundations
 - Mathematical Foundations
 - Social Foundations
 - Science Foundations

Grand Total Credits: **38**

Common Program Prerequisites (CPP) (If applicable)

- Earn at least 19 credits from the following types of courses:
See Electrical Engineering major in the catalog for the CPP requirements.

Grand Total Credits: **19**

Degree Requirements

Engineering Core: Basic

2 Total Credits

- Complete the following:
 - EGS1006C - Introduction to the Engineering Profession (1)
 - EGN1007C - Engineering Concepts and Methods (1)

Core Requirements: Advanced Level

73 Total Credits

No Rules

Engineering Core: Advanced and Electives

73 Total Credits

- Earn at least 73 credits from the following types of courses:
Advanced and Elective Courses

Restricted Electives

0 Total Credits

- None

Capstone Requirements

6 Total Credits

- Complete the following:
 - EEL4914 - Senior Design I (3)
 - EEL4915L - Senior Design II (3)

Grand Total Credits: **81**

Program Details

Electives

- None

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- 24 of 32 residency hours must be 3000-5000 level courses taken from the EECS Department at UCF and applicable to the undergraduate degree program.

Required Minors

- None

Departmental Exit Requirements

- CECS encourages all engineering students to take the Fundamentals Exam during their Senior year.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 128

Total Combined Credit Hours Required: 146

Additional Information

Honors In Major

- None

Related Programs

- Computer Engineering - Accelerated Undergraduate-Graduate (B.S.Cp.E. / M.S.Cp.E.)
- Computer Science (B.S.)
- Mathematics (B.S.) Engineering/Physics Track

- Physics (B.S.)

Certificates

- None

Related Minors

- Engineering Leadership Minor
- Intelligent Robotic Systems (IRS), Interdisciplinary Minor
- Mathematics Minor
- Physics Minor

Advising Notes

The following will be waived for this joint degree program:

- The limit of nine hours to be shared between undergraduate and graduate programs.
- Undergraduate students taking graduate courses must be within nine hours of graduation.
- Undergraduate students taking graduate courses must not register for more than a total of twelve hours in that semester.
- Undergraduate students are not eligible to take 6000-level courses.
- This Electrical Engineering Accelerated Undergraduate-Graduate program has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit

<https://apq.ucf.edu/files/Licensure-Disclosure-CECS-Electrical-Engineering-BS.pdf>

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Shared Courses

- Up to 12 credit hours of approved 5000 level courses of grades B (3.0) or better may be counted towards the BS and Masters degrees. These 12 credit hours will meet either technical elective or course requirements for the major. Contact the EE/CpE Graduate Coordinator in the Electrical Engineering & Computer Science department for acceptable courses.

Graduate Courses Link

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oemas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$30 per term
- Full-Time Student: \$60 per term

Electrical Engineering, Communications and Signal Processing Track (B.S.E.E.)

College

College of Engineering and Computer Science

Department

Department of Electrical and Computer Engineering

Program Type

Major

Program Contact Information

College of Engineering & Computer Science
Electrical & Computer Engineering Department
Harris Corporation Engineering Center (HEC), 346
407-823-3327
undergraduate@ece.ucf.edu

Professor & Undergraduate Program Coordinator of EE and CpE: Dr. Reza Abdolvand
Reza.Abdolvand@ucf.edu

Academic Advisor: Charlese Hilton-Brown
407-823-3327
chilton@ucf.edu

Program Description

Admission Requirements

- Students wanting to declare a major in an engineering discipline must be in good academic standing and must have a "C" (2.0) or better in each of the following courses or their equivalents: MAC 2311C, MAC 2312, PHY 2048C, and CHS 1440 or CHM 2045C.
- Students wanting to declare a major in an engineering discipline must complete a change of major in the term of completion of the final pending prerequisite course(s) listed above.

Degree Requirements

- Students in the Electrical Engineering major are expected to make consistent good progress toward their degrees to remain enrolled in, or eligible for, any major in the College of Engineering & Computer Science (CECS) or the College of Optics and Photonics (COP). Therefore, any student majoring in Electrical Engineering who repeats any UCF course and does not earn a grade of "C" (2.0) or better on the second attempt will be placed on Lack of Progress Probation and remain on Lack of Progress Probation as long as the student is enrolled in a CECS or COP major. If a student on Lack of Progress Probation does not receive a grade of "C" (2.0) or better by the third attempt in the same UCF course, the student will be excluded from all CECS and COP majors. Any student majoring in Electrical Engineering who has accumulated 7 or more unsuccessful attempts (i.e., grades below "C" (2.0) and withdrawals) over all courses taken at UCF will be placed on Lack of Progress Probation and remain on Lack of Progress Probation as long as the student is enrolled in a CECS or COP major. If a student on Lack of Progress Probation has a tenth unsuccessful attempt over all courses taken at UCF, the student will be excluded from all CECS and COP majors.
- A student who is excluded from CECS and COP majors may seek readmission to a major in CECS or COP after at least one full year has passed since exclusion. Readmission is not automatic and is dependent upon a high probability of success after readmission. Any student who is readmitted to the Electrical Engineering major will be subject to all probation conditions that applied at the time of exclusion.

General Education (GEP)

- Complete all of the following
 - The UCF General Education Program (GEP) is described in the section, General Education Program, found elsewhere in this catalog. Engineering students should closely study the requirements of the UCF GEP and the allowable substitutions detailed in paragraphs A through E below to minimize excess hours. Students transferring to UCF from within the Florida College System or State University System should complete the GEP and the Common Program Prerequisites before transferring.
Communication Foundations
 - Complete all of the following
 - Required:
 - Complete the following:
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 of the following:
 - SPC1603C - Fundamentals of Technical Presentations (3)

- SPC1608 - Fundamentals of Oral Communication (3)
- Cultural and Historical Foundations
 - Complete all of the following
 - Earn at least 6 credits from the following types of courses:
 - Historical Foundations
 - Earn at least 3 credits from the following types of courses:
 - Cultural Foundations
 - Mathematical Foundations
 - Complete all of the following
 - Required:
 - Complete the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - STA3032 - Probability and Statistics for Engineers (3)
 - Social Foundations
 - Complete all of the following
 - Preferred:
 - Complete at least 1 of the following:
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - Earn at least 3 credits from the following course sets:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
 - Science Foundations
 - Complete all of the following
 - Required:
 - Earn at least 4 credits from the following course sets:
 - PHY 2048C
 - PHY2048C - General Physics Using Calculus I Studio (4)
 - PHY 2048 and 2048L
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2048L - General Physics Using Calculus I Laboratory (1)
 - Earn at least 3 credits from the following course sets:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **38**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - These courses are specifically required for all engineering students of the Florida State University System. CPP courses are also available at other Florida postsecondary schools and may be transferred directly to UCF programs. To enroll in EE major courses, a 2.0 (C or better) in each course is required.
 - Earn at least 15 credits from the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - MAC2313 - Calculus with Analytic Geometry III (4)
 - MAP2302 - Ordinary Differential Equations I (3)
 - PHY 2048C - General Physics Using Calculus I (or PHY2048 and PHY2048L) Credit Hours: 4 (GEP)
 - PHY 2049C - General Physics Using Calculus II (or PHY2049 and PHY2049L) Credit Hours: 4
 - Complete at least 1 of the following:
 - CHS1440 - Principles of Chemistry (4)
 - CHM2045C - Chemistry Fundamentals I (4)

Grand Total Credits: **19**

Degree Requirements

Core Requirements: Basic Level
2 Total Credits

- Complete all of the following
 - The College of Engineering & Computer Science requires all engineering students to achieve a minimum 2.250 GPA in completing these courses, together with the courses required for the major, technical elective courses, and with the senior design courses. Independent study courses generally do not satisfy major requirements.
 - Complete the following:
 - EGS1006C - Introduction to the Engineering Profession (1)
 - EGN1007C - Engineering Concepts and Methods (1)

Core Requirements: Advanced Level
53 Total Credits
No Rules
Courses Required for the Engineering Core
3 Total Credits

- Earn at least 3 credits from the following:
 - STA3032 - Probability and Statistics for Engineers (3)
 - PHY3101 - General Physics Using Calculus III (3)

Courses Required for the Major
50 Total Credits

- Complete all of the following
 - Complete the following:
 - EGN3211 - Engineering Analysis and Computation (3)
 - EEL3021 - Introduction to Applied Randomness for Engineers (3)
 - EEL3004C - Linear Circuits I (3)
 - EEL3123C - Linear Circuits II (3)
 - EEE3307C - Electronics I (4)
 - EEE3342C - Digital Systems (3)
 - EEL3801C - Computer Organization (4)
 - EEL3926L - Junior Design (1)
 - EEL3552C - Signal Analysis and Analog Communication (4)
 - EEL4750 - Digital Signal Processing Fundamentals (3)
 - EEL4515C - Fundamentals of Digital Communication (4)
 - EEL4742C - Embedded Systems (3)

Junior Level Electives

- Earn at least 6 credits from the following:

- EEL3470 - Electromagnetic Fields (3)
- EEL3657 - Linear Control Systems (3)
- EEE3350 - Semiconductor Devices (3)

Senior Level Electives

- Earn at least 6 credits from the following:

- EEL4140C - Analog Filter Design (4)
- EEL4518 - Satellite Communications (3)
- EEL4781 - Computer Communication Networks (3)
- EEL4815 - Current Topics in Machine Learning I (3)
- EEE5542 - Random Processes I (3)
- EEE5557 - Introduction to Radar Systems (3)
- EEL5432 - Satellite Remote Sensing (3)
- EEL5780 - Wireless Networks (3)
- EEL5820 - Image Processing (3)
- EEL5268 - Communications and Networking for Smart Grid (3)
- EEL5582 - Fundamentals of Wireless Communications (3)

Restricted Electives

10 Total Credits

- Technical electives are available in the BSEE program to address specific student interests in a variety of technical areas. Students should consult their academic advisor for the identification of courses that are approved technical electives and the terms when specific courses of this type are to be offered.

Technical Electives

10 Total Credits

- Earn at least 10 credits from the following types of courses:
Technical elective courses are to be selected by the student from department approved courses.

Capstone Requirements

6 Total Credits

- Complete the following:
 - EEL4914 - Senior Design I (3)
 - EEL4915L - Senior Design II (3)

Grand Total Credits: **71**

Program Details

Electives

- None

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- Electrical engineering students must earn at least 32 hours in residence at UCF.

- 24 of the 32 Residency hours must be at the 3000-5000 level courses taken from the ECE Department at UCF and applicable to the degree program.

Required Minors

- None

Departmental Exit Requirements

- CECS encourages all engineering students to take the Fundamentals Exam during their senior year

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 128

Additional Information

Honors In Major

- None

Related Programs

- Computer Engineering
- Computer Science (B.S.)
- Mathematics - Engineering/Physics Track
- Physics (B.S.)

Certificates

- Engineering Leadership Certificate

Related Minors

- Engineering Leadership Minor
- Intelligent Robotic Systems (IRS), Interdisciplinary Minor
- Mathematics Minor
- Physics Minor

Advising Notes

- Each engineering student should meet with their academic advisor in the department of their major regularly.
- Each student should seek academic advisement before registering for classes each semester to minimize excess hours and to ensure that satisfactory academic progress is being maintained.
- The Electrical Engineering program offers the Accelerated BS/MS Program to students of high academic

standing. This program allows up to twelve hours to be shared between the BS and MS degrees. See your department or the Accelerated Program section in the back of this catalog for more information.

- This Electrical Engineering Communications and Signal Processing Track program has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit

<https://apq.ucf.edu/files/Licensure-Disclosure-CECS-Electrical-Engineering-BS.pdf>

Transfer Notes

- Courses transferred must be formally evaluated for equivalency credit. The student must provide all supporting information with his/her petition for this evaluation.
- EGS 1006C and EGN 1007C are required courses for incoming freshmen only. The credits for these two courses (one hour each) may, with prior approval of the department academic advisor, be moved to the Technical Elective area.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oemas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$45 per term
- Full-Time Student: \$90 per term

Electrical Engineering, Comprehensive Track (B.S.E.E.)

College

College of Engineering and Computer Science

Department

Department of Electrical and Computer Engineering

Program Type

Major

Program Contact Information

**College of Engineering & Computer Science
Electrical & Computer Engineering Department
Harris Corporation Engineering Center (HEC), 346
407-823-3327
undergraduate@ece.ucf.edu**

Professor & Undergraduate Program Coordinator of EE and CpE: Dr. Reza Abdolvand
Reza.Abdolvand@ucf.edu

Academic Advisor: Charlese Hilton-Brown
407-823-2787
chilton@ucf.edu

Program Description

Admission Requirements

- Students wanting to declare a major in an engineering discipline must be in good academic standing and must have a "C" (2.0) or better in each of the following courses or their equivalents: MAC 2311C, MAC 2312, PHY 2048C, and CHS 1440 or CHM 2045C.
- Students wanting to declare a major in an engineering discipline must complete a change of major in the term of completion of the final pending prerequisite course(s) listed above.

Degree Requirements

- Students in the Electrical Engineering major are expected to make consistent good progress toward their degrees to remain enrolled in, or eligible for, any major in the College of Engineering & Computer Science (CECS) or the College of Optics and Photonics (COP). Therefore, any student majoring in Electrical Engineering who repeats any UCF course and does not earn a grade of "C" (2.0) or better on the second attempt will be placed on Lack of Progress Probation and remain on Lack of Progress Probation as long as the student is enrolled in a CECS or COP major. If a student on Lack of Progress Probation does not receive a grade of "C" (2.0) or better by the third attempt in the same UCF course, the student will be excluded from all CECS and COP majors. Any student majoring in Electrical Engineering who has accumulated 7 or more unsuccessful attempts (i.e., grades below "C" (2.0) and withdrawals) over all courses taken at UCF will be placed on Lack of Progress Probation and remain on Lack of Progress Probation as long as the student is enrolled in a CECS or COP major. If a student on Lack of Progress Probation has a tenth unsuccessful attempt over all courses taken at UCF, the student will be excluded from all CECS and COP majors.
- A student who is excluded from CECS and COP majors may seek readmission to a major in CECS or COP after at least one full year has passed since exclusion. Readmission is not automatic and is dependent upon a high probability of success after readmission. Any student who is readmitted to the Electrical Engineering major will be subject to all probation conditions that applied at the time of exclusion.

General Education (GEP)

- Complete all of the following
 - The UCF General Education Program (GEP) is described in the section, General Education Program, found elsewhere in this catalog. Engineering students should closely study the requirements of the UCF GEP and the allowable substitutions detailed in paragraphs A through E below to minimize excess hours. Students transferring to UCF from within the Florida College System or State University System should complete the GEP and the Common Program Prerequisites before transferring.
 - Communication Foundations
 - Complete all of the following
 - Required:
 - Complete the following:
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 of the following:
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Cultural and Historical Foundations
 - Complete all of the following
 - Earn at least 6 credits from the following types of courses:
 - Historical Foundations
 - Earn at least 3 credits from the following types of courses:
 - Cultural Foundations
 - Mathematical Foundations
 - Complete all of the following
 - Required:
 - Complete the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - STA3032 - Probability and Statistics for Engineers (3)
 - Social Foundations
 - Complete all of the following
 - Preferred:

- Complete at least 1 of the following:
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - Earn at least 3 credits from the following course sets:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
- Science Foundations
- Complete all of the following
 - Required:
 - Earn at least 4 credits from the following course sets:
 - PHY 2048C
 - PHY2048C - General Physics Using Calculus I Studio (4)
 - PHY 2048 and 2048L
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2048L - General Physics Using Calculus I Laboratory (1)
 - Earn at least 3 credits from the following course sets:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **38**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - These courses are specifically required for all engineering students of the Florida State University System. CPP courses are also available at other Florida postsecondary schools and may be transferred directly to UCF programs. To enroll in EE major courses, a 2.0 (C or better) in each course is required.
 - Earn at least 15 credits from the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - MAC2313 - Calculus with Analytic Geometry III (4)
 - MAP2302 - Ordinary Differential Equations I (3)
 - PHY 2048C - General Physics Using Calculus I Credit Hours: 4 (GEP)
 - PHY 2049C - General Physics Using Calculus II Credit Hours: 4
 - GEP Course: MAC 2311C, PHY 2048C/PHY2048 & PHY 2048L
 - Complete at least 1 of the following:
 - CHS1440 - Principles of Chemistry (4)
 - CHM2045C - Chemistry Fundamentals I (4)
 - *CHS 1440 - Preferred

Grand Total Credits: **19**

Degree Requirements

Core Requirements: Basic Level

2 Total Credits

- Complete all of the following
 - The College of Engineering & Computer Science requires all engineering students to achieve a minimum 2.250 GPA in completing these courses, together with the courses required for the major, technical elective courses, and with the senior design courses. Independent study courses generally do not satisfy major requirements.
 - Complete the following:
 - EGS1006C - Introduction to the Engineering Profession (1)
 - EGN1007C - Engineering Concepts and Methods (1)

Core Requirements: Advanced Level

47 Total Credits

No Rules

Courses Required for the Engineering Core

3 Total Credits

- Complete all of the following
 - Earn at least 3 credits from the following:
 - STA3032 - Probability and Statistics for Engineers (3)
 - PHY3101 - General Physics Using Calculus III (3)
 - GEP Course: STA 3032

Courses Required for the Major

44 Total Credits

- Complete the following:
 - EEL3926L - Junior Design (1)
 - EGN3211 - Engineering Analysis and Computation (3)
 - EEL3004C - Linear Circuits I (3)
 - EEL3123C - Linear Circuits II (3)
 - EEE3350 - Semiconductor Devices (3)
 - EEE3307C - Electronics I (4)
 - EEE3342C - Digital Systems (3)
 - EEL3470 - Electromagnetic Fields (3)
 - EEL3552C - Signal Analysis and Analog Communication (4)
 - EEL3657 - Linear Control Systems (3)
 - EEL3801C - Computer Organization (4)

- EEE4309C - Electronics II (4)
- EEL4750 - Digital Signal Processing Fundamentals (3)
- EEL4742C - Embedded Systems (3)

Restricted Electives

16 Total Credits

- Technical electives are available in the BSEE program to address specific student interests in a variety of technical areas. Students should consult with their academic advisor for the identification of courses that are approved technical electives and the terms when specific courses of this type are to be offered.

Technical Electives

16 Total Credits

- Earn at least 16 credits from the following types of courses:
Technical elective courses are to be selected by the student from department approved courses.

Capstone Requirements

6 Total Credits

- Complete the following:
 - EEL4914 - Senior Design I (3)
 - EEL4915L - Senior Design II (3)

Grand Total Credits: **71**

Program Details

Electives

- None

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- Electrical engineering students must earn at least 32 hours in residence at UCF.
- 24 of the 32 Residency hours must be at the 3000-5000 level courses taken from the ECE Department at UCF and applicable to the degree program.

Required Minors

- None

Departmental Exit Requirements

- CECS encourages all engineering students to take the Fundamentals Exam during their senior year.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 128

Additional Information

Honors In Major

- None

Related Programs

- Computer Engineering - Accelerated Undergraduate-Graduate (B.S.Cp.E. / M.S.Cp.E.)
- Computer Science (B.S.)
- Mathematics - Engineering/Physics Track
- Physics (B.S.)

Certificates

- Engineering Leadership Certificate

Related Minors

- Engineering Leadership Minor
- Intelligent Robotic Systems (IRS), Interdisciplinary Minor
- Mathematics Minor
- Physics Minor

Advising Notes

- Each engineering student should meet with their academic advisor in the department of their major regularly.
- Each student should seek academic advisement before registering for classes each semester to minimize excess hours and to ensure that satisfactory academic progress is being maintained.
- The Electrical Engineering program offers the Accelerated BS/MS Program to students of high academic standing. This program allows up to twelve hours to be shared between the BS and MS degrees. See your department or the Accelerated Program section in the back of this catalog for more information.
- This Electrical Engineering Comprehensive Track program has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit

<https://apq.ucf.edu/files/Licensure-Disclosure-CECS-Electrical-Engineering-BS.pdf>

Transfer Notes

- Courses transferred must be formally evaluated for equivalency credit. The student must provide all supporting information with his/her petition for this evaluation.
- EGS 1006C and EGN 1007C are required courses for incoming freshmen only. The credits for these two courses (one hour each) may, with prior approval of the department academic advisor, be moved to the Technical Elective area.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$45 per term
- Full-Time Student: \$90 per term

Electrical Engineering, Power and Renewable Energy Track (B.S.E.E.)

College

College of Engineering and Computer Science

Department

Department of Electrical and Computer Engineering

Program Type

Major

Program Contact Information

College of Engineering & Computer Science
Electrical & Computer Engineering Department
Harris Corporation Engineering Center (HEC), 346
407-823-3327
undergraduate@ece.ucf.edu

Professor & Undergraduate Program Coordinator of EE and CpE: Dr. Reza Abdolvand
Reza.Abdolvand@ucf.edu

Academic Advisor: Charlese Hilton-Brown
407-823-2787
chilton@ucf.edu

Program Description

Admission Requirements

- Students wanting to declare a major in an engineering discipline must be in good academic standing and must have a "C" (2.0) or better in each of the following courses or their equivalents: MAC 2311C, MAC 2312, PHY 2048C, and CHS 1440 or CHM 2045C.
- Students wanting to declare a major in an engineering discipline must complete a change of major in the term of completion of the final pending prerequisite course(s) listed above.

Degree Requirements

- Students in the Electrical Engineering major are expected to make consistent good progress toward their degrees to remain enrolled in, or eligible for, any major in the College of Engineering & Computer Science (CECS) or the College of Optics and Photonics (COP). Therefore, any student majoring in Electrical Engineering who repeats any UCF course and does not earn a grade of "C" (2.0) or better on the second attempt will be placed on Lack of Progress Probation and remain on Lack of Progress Probation as long as the student is enrolled in a CECS or COP major. If a student on Lack of Progress Probation does not receive a grade of "C" (2.0) or better by the third attempt in the same UCF course, the student will be excluded from all CECS and COP majors. Any student majoring in Electrical Engineering who has accumulated 7 or more unsuccessful attempts (i.e., grades below "C" (2.0) and withdrawals) over all courses taken at UCF will be placed on Lack of Progress Probation and remain on Lack of Progress Probation as long as the student is enrolled in a CECS or COP major. If a student on Lack of Progress Probation has a tenth unsuccessful attempt over all courses taken at UCF, the student will be excluded from all CECS and COP majors.
- A student who is excluded from CECS and COP majors may seek readmission to a major in CECS or COP after at least one full year has passed since exclusion. Readmission is not automatic and is dependent upon a high probability of success after readmission. Any student who is readmitted to the Electrical Engineering major will be subject to all probation conditions that applied at the time of exclusion.

General Education (GEP)

- Complete all of the following
 - The UCF General Education Program (GEP) is described in the section, General Education Program, found elsewhere in this catalog. Engineering students should closely study the requirements of the UCF GEP and the allowable substitutions detailed in paragraphs A through E below to minimize excess hours. Students transferring to UCF from within the Florida College System or State University System should complete the GEP and the Common Program Prerequisites before transferring.
 - Communication Foundations
 - Complete all of the following
 - Required:
 - Complete the following:
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 of the following:
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Cultural & Historical Foundations
 - Complete all of the following
 - Earn at least 6 credits from the following types of courses:
 - Historical Foundations
 - Earn at least 3 credits from the following types of courses:
 - Cultural Foundations
 - Mathematical Foundations
 - Complete all of the following
 - Required:
 - Complete the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - STA3032 - Probability and Statistics for Engineers (3)
 - Social Foundations
 - Complete all of the following
 - Preferred:

- Complete at least 1 of the following:
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
- Earn at least 3 credits from the following course sets:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
- Science Foundations
 - Complete all of the following
 - Earn at least 4 credits from the following course sets:
 - PHY 2048C
 - PHY2048C - General Physics Using Calculus I Studio (4)
 - PHY 2048 and 2048L
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2048L - General Physics Using Calculus I Laboratory (1)
 - Earn at least 3 credits from the following course sets:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **38**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - These courses are specifically required for all engineering students of the Florida State University System. CPP courses are also available at other Florida post-secondary schools and may be transferred directly to UCF programs. To enroll in EE major courses, a 2.0 (C or better) in each course is required.
 - Earn at least 15 credits from the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - MAC2313 - Calculus with Analytic Geometry III (4)
 - MAP2302 - Ordinary Differential Equations I (3)
 - PHY 2048C - General Physics Using Calculus I (or PHY2048 and PHY2048L) Credit Hours: 4 (GEP)
 - PHY 2049C - General Physics Using Calculus II (or PHY2039 and PHY2049L) Credit Hours: 4
 - GEP Courses: MAC 2311C, PHY 2048C/PHY 2048 & PHY 2048L
 - Preferred:
 - Complete at least 1 of the following:
 - CHS1440 - Principles of Chemistry (4)
 - CHM2045C - Chemistry Fundamentals I (4)

Grand Total Credits: **19**

Degree Requirements

Core Requirements: Basic Level

2 Total Credits

- Complete all of the following
 - The College of Engineering & Computer Science requires all engineering students to achieve a minimum 2.250 GPA in completing these courses, together with the courses required for the major, technical elective courses, and with the senior design courses. Independent study courses generally do not satisfy major requirements.
 - Complete the following:
 - EGS1006C - Introduction to the Engineering Profession (1)
 - EGN1007C - Engineering Concepts and Methods (1)

Core Requirements: Advanced Level

48 Total Credits

No Rules

Courses Required for the Engineering Core

3 Total Credits

- Complete all of the following
 - Earn at least 3 credits from the following:
 - STA3032 - Probability and Statistics for Engineers (3)
 - PHY3101 - General Physics Using Calculus III (3)
 - GEP Course: STA 3032

Courses Required for the Major

45 Total Credits

- Complete all of the following
 - Complete the following:
 - EEL3926L - Junior Design (1)
 - EGN3211 - Engineering Analysis and Computation (3)
 - EEL3004C - Linear Circuits I (3)
 - EEL3123C - Linear Circuits II (3)
 - EEE3307C - Electronics I (4)
 - EEE3342C - Digital Systems (3)
 - EEL3801C - Computer Organization (4)
 - EEL3657 - Linear Control Systems (3)
 - EEL4216 - Fundamentals of Electric Power Systems (3)
 - EEL4742C - Embedded Systems (3)

- A "C" (2.0) or better is required in this course : EGN 3211, EEL 3004C, EEL 3123C, EEE 3342C, EEL 3801C
- Junior Level Electives
 - Earn at least 6 credits from the following:
 - EEL3470 - Electromagnetic Fields (3)
 - EEL3552C - Signal Analysis and Analog Communication (4)
 - EEE3350 - Semiconductor Devices (3)
 - EEL3290 - Global Energy Issues (3)
- Senior Level Electives
 - Earn at least 9 credits from the following:
 - EEL4205 - Electric Machinery (3)
 - EEL4612C - Introduction to Modern and Robust Control (4)
 - EEL4750 - Digital Signal Processing Fundamentals (3)
 - EEL4294 - Introduction to Smart Grid (3)
 - EEL5173 - Linear Systems Theory (3)
 - EEL5185 - System Identification (3)
 - EEL5268 - Communications and Networking for Smart Grid (3)
 - EEL5291 - Distributed Control and Optimization for Smart Grid (3)
 - EEL5255 - Advanced Power Systems Analysis (3)
 - EEL5245 - Power Electronics (3)

Restricted Electives 15 Total Credits

- Technical electives are available in the BSEE program to address specific student interests in a variety of technical areas. Students should consult their academic advisor for the identification of courses that are approved technical electives and the terms when specific courses of this type are to be offered.

Technical Electives 15 Total Credits

- Earn at least 15 credits from the following types of courses:
Technical elective courses are to be selected by the student from department approved courses.

Capstone Requirements 6 Total Credits

- Complete the following:
 - EEL4914 - Senior Design I (3)
 - EEL4915L - Senior Design II (3)

Grand Total Credits: **71**

Program Details

Electives

- None

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- Electrical engineering students must earn at least 32 hours in residence at UCF.
- 24 of the 32 Residency hours must be at the 3000-5000 level courses taken from the ECE Department at UCF and applicable to the degree program.

Required Minors

- None

Departmental Exit Requirements

- CECS encourages all engineering students to take the Fundamentals Exam during their senior year.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 128

Additional Information

Honors In Major

- None

Related Programs

- Computer Engineering
- Computer Science (B.S.)
- Mathematics - Engineering/Physics Track (B.S.)
- Physics (B.S.)

Certificates

- Engineering Leadership Certificate

Related Minors

- Engineering Leadership Minor
- Intelligent Robotic Systems (IRS), Interdisciplinary Minor
- Mathematics Minor
- Physics Minor

Advising Notes

- Each engineering student should meet with their academic advisor in the department of their major

regularly.

- Each student should seek academic advisement before registering for classes each semester to minimize excess hours and to ensure that satisfactory academic progress is being maintained.
- The Electrical Engineering program offers the Accelerated BS/MS Program to students of high academic standing. This program allows up to twelve hours to be shared between the BS and MS degrees. See your department or the Accelerated Program section in the back of this catalog for more information.
- This Electrical Engineering Power and Renewable Energy Track program has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit

<https://apq.ucf.edu/files/Licensure-Disclosure-CECS-Electrical-Engineering-BS.pdf>

Transfer Notes

- Courses transferred must be formally evaluated for equivalency credit. The student must provide all supporting information with his/her petition for this evaluation.
- EGS 1006C and EGN 1007C are required courses for incoming freshmen only. The credits for these two courses (one hour each) may, with prior approval of the department academic advisor, be moved to the Technical Elective area.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oemas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$45 per term
- Full-Time Student: \$90 per term

Electrical Engineering, RF and Microwaves Track (B.S.E.E.)

College

College of Engineering and Computer Science

Department

Department of Electrical and Computer Engineering

Program Type

Major

Program Contact Information

College of Engineering & Computer Science
Electrical & Computer Engineering Department
Harris Corporation Engineering Center (HEC), 346
407-823-3327
undergraduate@ece.ucf.edu

Professor & Undergraduate Program Coordinator of EE and CpE: Dr. Reza Abdolvand
Reza.Abdolvand@ucf.edu

Academic Advisor: Charlese Hilton-Brown
407-823-2787
chilton@ucf.edu

Program Description

Admission Requirements

- Students wanting to declare a major in an engineering discipline must be in good academic standing and must have a "C" (2.0) or better in each of the following courses or their equivalents: MAC 2311C, MAC 2312, PHY 2048C, and CHS 1440 or CHM 2045C.
- Students wanting to declare a major in an engineering discipline must complete a change of major in the term of completion of the final pending prerequisite course(s) listed above.

Degree Requirements

- Students in the Electrical Engineering major are expected to make consistent good progress toward their degrees to remain enrolled in, or eligible for, any major in the College of Engineering & Computer Science (CECS) or the College of Optics and Photonics (COP). Therefore, any student majoring in Electrical Engineering who repeats any UCF course and does not earn a grade of "C" (2.0) or better on the second attempt will be placed on Lack of Progress Probation and remain on Lack of Progress Probation as long as the student is enrolled in a CECS or COP major. If a student on Lack of Progress Probation does not receive a grade of "C" (2.0) or better by the third attempt in the same UCF course, the student will be excluded from all CECS and COP majors. Any student majoring in Electrical Engineering who has accumulated 7 or more unsuccessful attempts (i.e., grades below "C" (2.0) and withdrawals) over all courses taken at UCF will be placed on Lack of Progress Probation and remain on Lack of Progress Probation as long as the student is enrolled in a CECS or COP major. If a student on Lack of Progress Probation has a tenth unsuccessful attempt over all courses taken at UCF, the student will be excluded from all CECS and COP majors.
- A student who is excluded from CECS and COP majors may seek readmission to a major in CECS or COP after at least one full year has passed since exclusion. Readmission is not automatic and is dependent upon a high probability of success after readmission. Any student who is readmitted to the Electrical Engineering major will be subject to all probation conditions that applied at the time of exclusion.

General Education (GEP)

- Complete all of the following
 - The UCF General Education Program (GEP) is described in the section, General Education Program. Engineering students should closely study the requirements of the UCF GEP and the allowable substitutions detailed in paragraphs below to minimize excess hours. Students transferring to UCF from within the Florida College System or State University System should complete the GEP and the Common Program Prerequisites before transferring.
 - Communication Foundations
 - Complete all of the following
 - Required:
 - Complete the following:
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 of the following:
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Cultural & Historical Foundations
 - Complete all of the following
 - Earn at least 6 credits from the following types of courses:
 - Historical Foundations
 - Earn at least 3 credits from the following types of courses:
 - Cultural Foundations
 - Mathematical Foundations
 - Complete all of the following
 - Required:
 - Complete the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - STA3032 - Probability and Statistics for Engineers (3)
 - Social Foundations
 - Complete all of the following
 - Preferred:
 - Complete at least 1 of the following:

- ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
- Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
- Science Foundations
 - Complete all of the following
 - Required:
 - Earn at least 4 credits from the following course sets:
 - PHY 2048C
 - PHY2048C - General Physics Using Calculus I Studio (4)
 - PHY 2048 and 2048L
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2048L - General Physics Using Calculus I Laboratory (1)
 - Earn at least 3 credits from the following course sets:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **38**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - These courses are specifically required for all engineering students of the Florida State University System. CPP courses are also available at other Florida post-secondary schools and may be transferred directly to UCF programs. To enroll in EE major courses, a 2.0 (C or better) in each course is required.
 - Earn at least 15 credits from the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - MAC2313 - Calculus with Analytic Geometry III (4)
 - MAP2302 - Ordinary Differential Equations I (3)
 - PHY 2048C - General Physics Using Calculus I (or PHY2048 and PHY2048L) Credit Hours: 4 (GEP)
 - PHY 2049C - General Physics Using Calculus II (or PHY2049 and PHY2049L) Credit Hours: 4
 - GEP Courses: MAC 2311C, PHY 2048C
 - Complete at least 1 of the following:
 - CHS1440 - Principles of Chemistry (4)
 - CHM2045C - Chemistry Fundamentals I (4)

Grand Total Credits: **19**

Degree Requirements

Core Requirements: Basic Level

2 Total Credits

- Complete all of the following
 - The College of Engineering & Computer Science requires all engineering students to achieve a minimum 2.250 GPA in completing these courses, together with the courses required for the major, technical elective courses, and with the senior design courses. Independent study courses generally do not satisfy major requirements.
 - Complete the following:
 - EGS1006C - Introduction to the Engineering Profession (1)
 - EGN1007C - Engineering Concepts and Methods (1)

Core Requirements: Advanced Level

53 Total Credits

No Rules

Courses Required for the Engineering Core

3 Total Credits

- Complete all of the following
 - Earn at least 3 credits from the following:
 - STA3032 - Probability and Statistics for Engineers (3)
 - PHY3101 - General Physics Using Calculus III (3)
 - GEP Course: STA 3032

Courses Required for the Major

50 Total Credits

- Complete all of the following
 - Complete the following:
 - EEL3926L - Junior Design (1)
 - EGN3211 - Engineering Analysis and Computation (3)
 - EEL3004C - Linear Circuits I (3)
 - EEL3123C - Linear Circuits II (3)
 - EEE3307C - Electronics I (4)
 - EEE3342C - Digital Systems (3)
 - EEL3801C - Computer Organization (4)
 - EEL3470 - Electromagnetic Fields (3)
 - EEE4309C - Electronics II (4)
 - EEL4436C - Microwave Engineering (4)
 - EEL4742C - Embedded Systems (3)

- A "C" (2.0) or better is required in this course : EGN 3211, EEL 3004C, EEL 3123C, EEE 3342C, EEL 3801C

Junior Level Electives

- Earn at least 6 credits from the following:
 - EEE3350 - Semiconductor Devices (3)
 - EEL3552C - Signal Analysis and Analog Communication (4)
 - EEL3657 - Linear Control Systems (3)

Senior Level Electives

- Earn at least 9 credits from the following:
 - EEL4140C - Analog Filter Design (4)
 - EEL4515C - Fundamentals of Digital Communication (4)
 - EEL4518 - Satellite Communications (3)
 - EEL4750 - Digital Signal Processing Fundamentals (3)
 - EEL5437C - Microwave Engineering (4)
 - EEL5462 - Antenna Analysis and Design (3)
 - EEL5439C - RF and Microwave Active Circuits (4)
 - EEE5557 - Introduction to Radar Systems (3)
 - EEL5432 - Satellite Remote Sensing (3)
 - EEE5356C - Fabrication of Solid-State Devices (4)
 - EEE5513 - Digital Signal Processing Applications (3)
 - EEE5265 - Biomedical Effects and Applications of Electromagnetic Energy (3)
 - EEE5370 - Operational Amplifiers (3)
 - EEE5378 - CMOS Analog and Digital Circuit Design (3)

Restricted Electives

10 Total Credits

- Technical electives are available in the BSEE program to address specific student interests in a variety of technical areas. Students should consult with their academic advisor for the identification of courses that are approved technical electives and the terms when specific courses of this type are to be offered.

Technical Electives

10 Total Credits

- Earn at least 10 credits from the following types of courses:
Technical elective courses are to be selected by the student from department approved courses.

Capstone Requirements

6 Total Credits

- Complete the following:
 - EEL4914 - Senior Design I (3)
 - EEL4915L - Senior Design II (3)

Grand Total Credits: **71**

Program Details

Electives

- None

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- Electrical engineering students must earn at least 32 hours in residence at UCF.
- 24 of the 32 Residency hours must be at the 3000-5000 level courses taken from the ECE Department at UCF and applicable to the degree program.

Required Minors

- None

Departmental Exit Requirements

- CECS encourages all engineering students to take the Fundamentals Exam during their senior year.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 128

Additional Information

Honors In Major

- None

Related Programs

- Computer Engineering
- Computer Science (B.S.)
- Mathematics (B.S.) Engineering/Physics Track
- Physics (B.S.)

Certificates

- None

Related Minors

- Engineering Leadership Minor
- Intelligent Robotic Systems (IRS), Interdisciplinary Minor
- Mathematics Minor
- Physics Minor

Advising Notes

- Each engineering student should meet with their academic advisor in the department of their major regularly.
- Each student should seek academic advisement before registering for classes each semester to minimize excess hours and to ensure that satisfactory academic progress is being maintained.
- The Electrical Engineering program offers the Accelerated BS/MS Program to students of high academic standing. This program allows up to twelve hours to be shared between the BS and MS degrees. See your department or the Accelerated Program section in the back of this catalog for more information.
- This Electrical Engineering RF and Microwaves Track program has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit

<https://apq.ucf.edu/files/Licensure-Disclosure-CECS-Electrical-Engineering-BS.pdf>

Transfer Notes

- Courses transferred must be formally evaluated for equivalency credit. The student must provide all supporting information with his/her petition for this evaluation.
- EGS 1006C and EGN 1007C are required courses for incoming freshmen only. The credits for these two courses (one hour each) may, with prior approval of the department academic advisor, be moved to the Restricted Elective area.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$45 per term
- Full-Time Student: \$90 per term

Engineering Leadership Certificate

College

College of Engineering and Computer Science

Department

Department of Industrial Engineering and Management Systems

Program Type

Certificate

Program Contact Information

College of Engineering & Computer Science

Dr. Timothy Kotnour

407-823-5645

Timothy.Kotnour@ucf.edu

Program Description

Provides a knowledge base in technical leadership and management principles and practices in a technical environment. This certificate is designed to enhance the student's marketability, preparation and career viability as they enter the engineering and computer science professions.

Admission Requirements

- Students must have a declared Computer Science or engineering major. Not open to students in engineering pending majors.

Certificate Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Required Courses

12 Total Credits

- Complete all of the following
 - Discipline specific design course in engineering or
 - Complete the following:
 - CAP4102 - Web and User Experience (UX) (3)
 - Complete the following:
 - EGS3031 - Leadership in Engineering II
 - EGS3031 - Leadership in Engineering II
 - EGS4950 - Engineering Leadership Capstone (3)
- Pick two of the following courses
- Complete all of the following
 - Complete at least 2 of the following:
 - EGS4624 - Engineering Innovation and Leadership (3)
 - MAN3025 - Management of Organizations (3)
 - MAR3391 - Professional Selling (3)
 - PHI3638 - Ethical Issues in the 21st Century (3)
 - ENT 4183 - Technological Entrepreneurship Credit Hours: 3
 - Or
 - EGN 4641C - Engineering Entrepreneurship Credit Hours: 3

Grand Total Credits: **12**

Program Details

Restricted Electives

- None

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 12

Other Requirements

- Students must have a minimum grade of "C" (2.0) in each course or Satisfactory (in eligible courses) required for the certificate.
- This certificate must be earned in conjunction with a degree in engineering, Information Technology, or Computer Science.
- Not open to students seeking the Engineering Leadership Minor.
- Any course substitution must be approved by the Associate Dean responsible for Undergraduate Curriculum within CECS.

Engineering Leadership Minor

College

College of Engineering and Computer Science

Department

Department of Industrial Engineering and Management Systems

Program Type

Minor

Program Contact Information

College of Engineering & Computer Science

Dr. Timothy Kotnour
407-823-5645
Timothy.Kotnour@ucf.edu

Program Description

Provides a knowledge base in technical leadership and management principles and practices in a technical environment. This certificate is designed to enhance the student's marketability, preparation and career viability as they enter the engineering and computer science professions.

Minor Admission Requirements

- Students must have a declared Computer Science, Information Technology, or engineering major. Not open to students in engineering pending majors.

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Required Courses

10 Total Credits

- Complete all of the following
 - Discipline specific design course in engineering or Computer Science or CAP 4102 in the case of Information Technology majors.
 - Earn at least 7 credits from the following:
 - LDR2001 - Foundations of Leadership (2)
 - LDR2002 - Intermediate Foundations of Leadership (2)
 - EGS3030 - Leadership in Engineering I
 - EGS3031 - Leadership in Engineering II
 - EGS4950 - Engineering Leadership Capstone (3)
 - Discipline specific design course in engineering or Computer Science Credit Hours: 3
Pick one of the following
 - Complete at least 1 of the following:
 - MAR3391 - Professional Selling (3)
 - ENT4183 - Technological Entrepreneurship (3)

Restricted Electives

9 Total Credits

- Complete at least 3 of the following:
 - EGS4624 - Engineering Innovation and Leadership (3)
 - MAN3025 - Management of Organizations (3)
 - MAR3391 - Professional Selling (3)
 - PHI3638 - Ethical Issues in the 21st Century (3)
 - PHI3626 - Advanced Ethics in Science and Technology (3)
 - ENT4183 - Technological Entrepreneurship (3)
 - EGN4641C - Engineering Entrepreneurship (3)

Grand Total Credits: **19**

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 19

Other Requirements

- Students must have a minimum grade of "C" (2.0) in each course or Satisfactory (in eligible courses) required for the minor.
- Not open to students seeking the Engineering Leadership Certificate.
- Any course substitution must be approved by the Associate Dean responsible for Undergraduate Curriculum within CECS.

Environmental Engineering (B.S.Env.E)

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

Program Type

Major

Program Contact Information

College of Engineering & Computer Science
Department of Civil, Environmental and Construction Engineering
Engineering II (ENG2), 211
407-823-2841

Undergraduate Advisor: Mary Smith
Mary.Smith2@ucf.edu

Associate Professor: Dr. Andrew Randall
andrew.randall@ucf.edu

Program Description

Admission Requirements

- Students wanting to declare a major in an engineering discipline must be in good academic standing and must have a "C" (2.0) or better in each of the following courses or their equivalents: MAC 2311C, MAC 2312, PHY 2048C, and CHM 2045C.
- Students wanting to declare a major in an engineering discipline must complete a change of major in the term of completion of the final pending prerequisite course(s) listed above.

Degree Requirements (128 Credit Hours)

- The College of Engineering & Computer Science requires all engineering students to achieve a minimum 2.25 GPA in completing the courses from section Basic Core Requirements, section Advanced Core Requirements, section Restricted Electives and section Capstone Requirements listed below. Independent study courses generally do not satisfy major requirements.
- A "C" (2.0) or better is required in each pre-requisite course in section Common Program Prerequisites, section Advanced Core Requirements, and section Capstone Requirements.
- Students in the Environmental Engineering major are expected to make consistent good progress toward their degrees to remain enrolled in, or eligible for, any major in the College of Engineering & Computer Science (CECS) or the College of Optics and Photonics (COP). Therefore, any student majoring in Environmental Engineering who repeats any UCF course and does not earn a grade of "C" (2.0) or better on the second attempt will be placed on Lack of Progress Probation and remain on Lack of Progress Probation as long as the student is enrolled in a CECS or COP major. If a student on Lack of Progress Probation does not receive a grade of "C" (2.0) or better by the third attempt in the same UCF course, the student will be excluded from all CECS and COP majors. Any student majoring in Environmental Engineering who has accumulated 7 or more unsuccessful attempts (i.e., grades below "C" (2.0) and withdrawals) over all courses taken at UCF will be placed on Lack of Progress Probation and remain on Lack of Progress Probation as long as the student is enrolled in a CECS or COP major. If a student on Lack of Progress Probation has a tenth unsuccessful attempt over all courses taken at UCF, the student will be excluded from all CECS and COP majors.
- A student who is excluded from CECS and COP majors may seek readmission to a major in CECS or COP after at least one full year has passed since exclusion. Readmission is not automatic and is dependent upon a high probability of success after readmission. Any student who is readmitted to the Environmental Engineering major will be subject to all probation conditions that applied at the time of exclusion.

General Education (GEP)

- Complete all of the following
 - The UCF General Education Program (GEP) is described in this catalog. Engineering students should closely study the requirements of the UCF GEP and the allowable substitutions detailed in paragraphs A. through E. below to minimize excess hours. Students transferring to UCF from within the Florida College System or State University System should complete the GEP and the Common Program Prerequisites before transferring.
Communication Foundations
 - Complete all of the following
 - Required:
 - Complete the following:
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 of the following:
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Preferred: SPC 1603C
 - Suggested: SPC 1608
 - Cultural and Historical Foundations
 - Complete all of the following
 - Earn at least 6 credits from the following types of courses:
Historical Foundations
 - Earn at least 3 credits from the following types of courses:
Cultural Foundations - Suggested MUL 2010, PHI 2010 or THE 2000
 - Mathematical Foundations
 - Complete all of the following
 - Required:
 - Complete the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - STA3032 - Probability and Statistics for Engineers (3)
 - Social Foundations
 - Earn at least 6 credits from the following course sets:
GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
 - Science Foundations
 - Complete all of the following
 - Required:
 - Earn at least 4 credits from the following course sets:
PHY 2048C
 - PHY2048C - General Physics Using Calculus I Studio (4)
PHY 2048 and 2048L
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2048L - General Physics Using Calculus I Laboratory (1)
 - Complete at least 1 of the following:
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **38**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - These courses are specifically required for all engineering students of the Florida State University System. CPP courses are also available at other Florida postsecondary schools and may be transferred directly to UCF programs.
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information.
 - A grade of "C" (2.0) or better is required in each course in this section.
 - Earn at least 19 credits from the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - MAC2313 - Calculus with Analytic Geometry III (4)
 - MAP2302 - Ordinary Differential Equations I (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - PHY 2048C - General Physics Using Calculus I Credit Hours: 4 (GEP)
 - PHY 2049C - General Physics Using Calculus II Credit Hours: 4
 - GEP Courses: MAC 2311C, and PHY 2048C/PHY 2048 & PHY 2048L

Grand Total Credits: **19**

Degree Requirements

Core Requirements: Basic Level

9 Total Credits

- Complete all of the following
 - Environmental engineering majors must complete both Earth Science and Biological Science coursework. See assigned academic advisor for list of approved courses.
 - Earn at least 9 credits from the following:
 - EGS1006C - Introduction to the Engineering Profession (1)
 - EGN1007C - Engineering Concepts and Methods (1)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHM2046 - Chemistry Fundamentals II (3)
 - CHM2046L - Chemistry Fundamentals Laboratory (1)
 - Earth Science Credit Hours: 3 (GEP)
 - Biological Science Credit Hours: 3
 - CPP Course: CHM 2045C
 - A "C" (2.0) or better is required in this course: CHM 2045C, CHM 2046

Core Requirements: Advanced Level

53 Total Credits

- Complete all of the following
 - Earn at least 50 credits from the following:
 - EGN3310 - Engineering Analysis-Statics (3)
 - EGN3321 - Engineering Analysis-Dynamics (3)
 - EGN3331C - Mechanics of Materials (3)
 - EGN3343 - Thermodynamics (3)
 - EGN3613 - Engineering Economic Analysis (2)
 - ENV3001 - Environmental Engineering (3)
 - CCE4003 - Introduction to the Construction Industry (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CWR3201 - Engineering Fluid Mechanics (3)
 - CEG4011C - Geotechnical Engineering I (4)
 - EES4111C - Biological Process Control (4)
 - EES4202C - Chemical Process Control (4)
 - ENV4531 - Environmental Engineering Unit Operations & Processes (3)
 - ENV4120 - Air Pollution and Hazardous Waste Control (3)
 - ENV4561 - Advanced Environmental Engineering Operations & Processes (3)
 - ENV4341 - Sustainable Resource Management (3)
 - CWR4202C - Hydraulics (3)
 - GEP Course: STA 3032
 - A "C" (2.0) or better is required in this course: EGN 3310, EGN 3331C, EGN 3343, EGN 3613, ENV

3001, CWR 3201, ENV 4531, CWR 4202C

- Complete at least 1 of the following:
 - CWR4120 - Hydrology (3)
 - CWR4124 - Hydrogeology (3)

Restricted Electives

3 Total Credits

- Earn at least 3 credits from the following types of courses:
Technical electives are available in the BSEnvE program to address specific student interests in a variety of technical areas. Students should consult with their assigned academic advisor for a list of the approved technical electives and the terms when specific courses of this type are to be offered.

Capstone Requirements

6 Total Credits

- Required Senior Design Courses

Environmental Engineering Design Specialization

3 Total Credits

- Complete all of the following
 - A "C" (2.0) or better is required in these courses. Choose one course from the following:
 - Complete at least 1 of the following:
 - ENV4433C - Environmental Engineering Wastewater Design (3)
 - ENV4122C - Air Pollution Control Design (3)
 - ENV4562C - Environmental Engineering Water Treatment Design (3)

Capstone Course

3 Total Credits

- Complete the following:
 - CGN4808C - CECE Capstone Design (3)

Grand Total Credits: **71**

Program Details

General Education Program (GEP) (38 Credit Hours)

- The UCF General Education Program (GEP) is described in this catalog. Engineering students should closely study the requirements of the UCF GEP and the allowable substitutions detailed in paragraphs A. through E. below to minimize excess hours. Students transferring to UCF from within the Florida College System or State University System should complete the GEP and the Common Program Prerequisites before transferring.

Communication Foundations (9 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3** (Required)
- ENC 1102 - Composition II **Credit Hours: 3** (Required)
- SPC 1603C - Fundamentals of Technical Presentations **Credit Hours: 3** (Preferred)

or

- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3** (Suggested)

Cultural and Historical Foundations (9 Credit Hours)

- Select two courses from Historical Foundations **Credit Hours: 6**
- Select one class from Cultural Foundations - Suggested MUL 2010, PHI 2010 or THE 2000 **Credit Hours: 3**

Mathematical Foundations (7 Credit Hours)

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (Required)
- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3** (Required)

Social Foundations (6 Credit Hours)

- Select two courses from Historical Foundations **Credit Hours: 6**
- Select one class from Cultural Foundations - Suggested MUL 2010, PHI 2010 or THE 2000 **Credit Hours: 3**

Science Foundations (7 Credit Hours)

- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** (Required)

Science Foundation 2 (3 Credit Hours)

Select one:

- GEO 1200 - Physical Geography **Credit Hours: 3**
- GEO 2370 - Resources Geography **Credit Hours: 3**
- GLY 1030 - Geology and its Applications **Credit Hours: 3**
- GLY 2038 - Environmental Geoscience **Credit Hours: 3**
- MET 2104 - The Earth's Climate **Credit Hours: 3**

Common Program Prerequisites (CPP) (19 Credit Hours)

These courses are specifically required for all engineering students of the Florida State University System. CPP courses are also available at other Florida postsecondary schools and may be transferred directly to UCF programs.

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

A grade of "C" (2.0) or better is required in each course in this section.

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (GEP)
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**

- MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4**
- MAP 2302 - Ordinary Differential Equations I **Credit Hours: 3**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** (GEP)
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**

Core Requirements: Basic Level (9 Credit Hours)

Environmental engineering majors must complete both Earth Science and Biological Science coursework. See assigned academic advisor for list of approved courses.

1 A "C" (2.0) or better is required in this course.

- EGS 1006C - Introduction to the Engineering Profession **Credit Hours: 1**
- EGN 1007C - Engineering Concepts and Methods **Credit Hours: 1**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** (CPP) 1
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3** 1
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**
- Earth Science **Credit Hours: 3** (GEP)
- Biological Science **Credit Hours: 3**

Core Requirements: Advanced Level (53 Credit Hours)

- EGN 3310 - Engineering Analysis-Statics **Credit Hours: 3** 1
- EGN 3321 - Engineering Analysis-Dynamics **Credit Hours: 3**
- EGN 3331C - Mechanics of Materials **Credit Hours: 3** 1
- EGN 3343 - Thermodynamics **Credit Hours: 3** 1
- EGN 3613 - Engineering Economic Analysis **Credit Hours: 2** 1
- ENV 3001 - Environmental Engineering **Credit Hours: 3** 1
- CCE 4003 - Introduction to the Construction Industry **Credit Hours: 3**
- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3** (GEP)
- CWR 3201 - Engineering Fluid Mechanics **Credit Hours: 3** 1
- CEG 4011C - Geotechnical Engineering I **Credit Hours: 4**
- EES 4111C - Biological Process Control **Credit Hours: 4**
- EES 4202C - Chemical Process Control **Credit Hours: 4**
- ENV 4531 - Environmental Engineering Unit Operations & Processes **Credit Hours: 3** 1
- ENV 4120 - Air Pollution and Hazardous Waste Control **Credit Hours: 3**
- ENV 4561 - Advanced Environmental Engineering Operations & Processes **Credit Hours: 3**
- ENV 4341 - Sustainable Resource Management **Credit Hours: 3**
- CWR 4202C - Hydraulics **Credit Hours: 3** 1

Select one of the following:

- CWR 4120 - Hydrology **Credit Hours: 3**
- CWR 4124 - Hydrogeology **Credit Hours: 3**

Restricted Electives (3 Credit Hours)

- Technical electives are available in the BSEnvE program to address specific student interests in a variety of technical areas. Students should consult with their assigned academic advisor for a list of the approved

technical electives and the terms when specific courses of this type are to be offered.

Capstone Requirements (6 Credit Hours)

- Required Senior Design Courses

Environmental Engineering Design Specialization (3 Credit Hours)

1 A "C" (2.0) or better is required in this course. Choose one course from the following:

- ENV 4433C - Environmental Engineering Wastewater Design **Credit Hours: 3 1**
- ENV 4122C - Air Pollution Control Design **Credit Hours: 3 1**
- ENV 4562C - Environmental Engineering Water Treatment Design **Credit Hours: 3 1**

Capstone Course (3 Credit Hours)

- CGN 4808C - CECE Capstone Design **Credit Hours: 3**

Electives

- None

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- EnvE students must take the Fundamentals of Engineering (FE) Exam during their Senior year.

Required Minors

- None

Departmental Exit Requirements

- None

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 128

Additional Information

Honors In Major

- None

Related Programs

- Chemistry (B.S.)
- Construction Engineering (B.S.Con.E.)
- Civil Engineering (B.S.C.E.)
- Environmental Engineering B.S. to M.S.Env.E.

Certificates

- Engineering Leadership Certificate

Related Minors

- Chemistry Minor
- Environmental Studies Minor
- Mathematics Minor
- Engineering Leadership Minor
- Bioengineering Minor

Advising Notes

- Each engineering student is assigned a qualified engineering academic advisor in the department of his/her major. Each student should seek academic advisement before registering for classes each semester to minimize excess hours and to ensure that satisfactory academic progress is being maintained.
- The Environmental Engineering program offers the opportunity for exceptionally well qualified undergraduates to enter directly into the PhD program after completion of an appropriate BS degree. This option allows outstanding undergraduates to begin planning a research program with a specific faculty

advisor even before finishing the BS, and may allow completion of the PhD in a shorter time period than by taking a separate Masters followed by the PhD.

- This Environmental Engineering program has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit <https://apq.ucf.edu/files/Licensure-Disclosure-CECS-Environmental-Engineering-BS.pdf>

Transfer Notes

- Courses transferred must be formally evaluated for equivalency credit. The student must provide all supporting information with his/her petition for this evaluation.
- EGS 1006C and EGN 1007C are required courses for incoming freshmen only. The credits for these two courses (one hour for each) may, with prior approval of the department academic advisor, be moved to the Restricted Elective area.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oemas.ucf.edu/alac/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$44 per term
- Full-Time Student: \$87 per term

Plan of Study (128 Credit Hours)

The tentative course schedule listed below is a guide for those students who plan on completing their degree in four years. All engineering students should meet with their departmental academic advisor to develop and maintain an appropriate plan of study.

Freshman Year - Fall (15 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**
- EGS 1006C - Introduction to the Engineering Profession **Credit Hours: 1**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
- Biological Science Requirement **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**
- PHY 2048C - General Physics Using Calculus I (or PHY2408 and PHY2048L) **Credit Hours: 4**
- EGN 1007C - Engineering Concepts and Methods **Credit Hours: 1**
- GEP **Credit Hours: 3**

Sophomore Year - Fall (16 Credit Hours)

- MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4**
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- EGN 3310 - Engineering Analysis-Statics **Credit Hours: 3**
- EGN 3613 - Engineering Economic Analysis **Credit Hours: 2**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**
- ENV 3001 - Environmental Engineering **Credit Hours: 3**

Sophomore Year - Spring (16 Credit Hours)

- MAP 2302 - Ordinary Differential Equations I **Credit Hours: 3**
- EGN 3343 - Thermodynamics **Credit Hours: 3**
- EGN 3331C - Mechanics of Materials **Credit Hours: 3**
- PHY 2049C - General Physics Using Calculus II (or PHY2049 and PHY2049L) **Credit Hours: 4**
- EGN 3321 - Engineering Analysis-Dynamics **Credit Hours: 3**

Sophomore Year - Summer (9 Credit Hours)

- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3**
- CWR 3201 - Engineering Fluid Mechanics **Credit Hours: 3**
- GEP **Credit Hours: 3**

Junior Year - Fall (16 Credit Hours)

- ENV 4531 - Environmental Engineering Unit Operations & Processes **Credit Hours: 3**
- EES 4202C - Chemical Process Control **Credit Hours: 4**
- ENV 4120 - Air Pollution and Hazardous Waste Control **Credit Hours: 3**
- CWR 4202C - Hydraulics **Credit Hours: 3**
- GEP **Credit Hours: 3**

Junior Year - Spring (16 Credit Hours)

- EES 4111C - Biological Process Control **Credit Hours: 4**
- ENV 4561 - Advanced Environmental Engineering Operations & Processes **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Approved Project Design **Credit Hours: 3**

Select One: (3 Credit Hours)

- CWR 4120 - Hydrology **Credit Hours: 3**
- CWR 4124 - Hydrogeology **Credit Hours: 3**

Senior Year - Fall (13 Credit Hours)

- CEG 4011C - Geotechnical Engineering I **Credit Hours: 4**
- ENV 4341 - Sustainable Resource Management **Credit Hours: 3**
- GEP **Credit Hours: 3**

- Earth Science **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- Technical Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**
- CGN 4808C - CECE Capstone Design **Credit Hours: 3**
- CCE 4003 - Introduction to the Construction Industry **Credit Hours: 3**

Environmental Engineering B.S. to M.S.Env.E.

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

Program Type

Accelerated UndergraduateGraduate Program

Program Contact Information

College of Engineering & Computer Science
Department of Civil, Environmental and Construction Engineering
Engineering II (ENG2), 211
 407-823-2841

Associate Professor: Dr. Andrew Randall
 407-823-6429
 andrew.randall@ucf.edu

Program Description

Admission Requirements

- See Common Program Prerequisites.
- Qualified students may apply after completion of a minimum of 64 credit hours.
- Completion of no more than 96 credit hours.
- A minimum UCF GPA of at least 3.2 in all upper division courses.
- Courses that must be completed with a "B" or better for eligibility: EGN 3331C (Mechanics of Materials), ENV 3001 (Environmental Engineering), CWR 3201 (Fluid Mechanics), EGN 3343 (Thermodynamics) and CHM 2046C (Chemistry Fundamentals 2)
- Admission to the Accelerated Program does not guarantee formal admission to the MSEnvE or MS Environmental Engineering Sciences Track program.
- Admission is not automatic. Interested students may need to be interviewed.

General Education (GEP)

38 Total Credits

- See Environmental Engineering major in the Catalog for specific GEP requirements

Communication Foundations

9 Total Credits

- Earn at least 9 credits from the following types of courses:
Communication

Cultural & Historical Foundations

9 Total Credits

- Earn at least 9 credits from the following types of courses:
Cultural & Historical

Mathematical Foundations

7 Total Credits

- Earn at least 7 credits from the following types of courses:
Mathematical

Social Foundations

6 Total Credits

- Earn at least 6 credits from the following types of courses:
Social

Science Foundations

7 Total Credits

- Earn at least 7 credits from the following types of courses:
Science

Grand Total Credits: **38**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - Earn at least 19 credits from the following types of courses:
See Environmental Engineering major in the Catalog for CPP requirements.
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

Grand Total Credits: **19**

Degree Requirements

Core Requirements: Basic Level

9 Total Credits

- Complete all of the following
 - Earn at least 9 credits from the following:
 - EGS1006C - Introduction to the Engineering Profession (1)
 - EGN1007C - Engineering Concepts and Methods (1)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHM2046 - Chemistry Fundamentals II (3)
 - CHM2046L - Chemistry Fundamentals Laboratory (1)
 - Earth Science Credit Hours: 3
 - Biological Science Credit Hours: 3
 - A "C" (2.0) or better is required in this course : CHM 2045C, CHM 2046

Core Requirements: Advanced Level

53 Total Credits

- Complete all of the following

- Earn at least 50 credits from the following:
 - EGN3310 - Engineering Analysis-Statics (3)
 - EGN3321 - Engineering Analysis-Dynamics (3)
 - EGN3331C - Mechanics of Materials (3)
 - EGN3343 - Thermodynamics (3)
 - EGN3613 - Engineering Economic Analysis (2)
 - ENV3001 - Environmental Engineering (3)
 - CCE4003 - Introduction to the Construction Industry (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CWR3201 - Engineering Fluid Mechanics (3)
 - CEG4011C - Geotechnical Engineering I (4)
 - EES4111C - Biological Process Control (4)
 - EES4202C - Chemical Process Control (4)
 - ENV4531 - Environmental Engineering Unit Operations & Processes (3)
 - ENV4120 - Air Pollution and Hazardous Waste Control (3)
 - ENV4561 - Advanced Environmental Engineering Operations & Processes (3)
 - ENV4341 - Sustainable Resource Management (3)
 - CWR4202C - Hydraulics (3)
- A "C" (2.0) or better is required in this course : EGN 3310, EGN 3331C, EGN 3343, EGN 3613, ENV 3001, CWR 3201, ENV 4531, CWR 4202C
- Complete at least 1 of the following:
 - CWR4120 - Hydrology (3)
 - CWR4124 - Hydrogeology (3)

Restricted Electives

3 Total Credits

- Earn at least 3 credits from the following types of courses:
Technical electives are available in the BSEnE program to address specific student interests in a variety of technical areas. Students should consult with their assigned academic advisor for a list of the approved technical electives and the terms when specific courses of this type are to be offered.

Capstone Requirements

6 Total Credits

- Required Senior Design Courses

Environmental Engineering Design Specialization

6 Total Credits

- Complete all of the following
 - A "C" (2.0) or better is required in these courses
 - Complete at least 1 of the following:
 - ENV4433C - Environmental Engineering Wastewater Design (3)
 - ENV4122C - Air Pollution Control Design (3)
 - ENV4562C - Environmental Engineering Water Treatment Design (3)
- Capstone Course
 - Complete the following:
 - CGN4808C - CECE Capstone Design (3)

Grand Total Credits: **71**

Program Details

Electives

- None

Foreign Language Requirements Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- EnvE students must take the Fundamentals of Engineering (FE) Exam during their Senior year.

Required Minors

- None

Departmental Exit Requirements

- None

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required

- 128

Total Combined Hours Required

- 146

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- Each engineering student is assigned a qualified engineering academic advisor in the department of his/her major. Each student should seek academic advisement before registering for classes each semester to minimize excess hours and to ensure that satisfactory academic progress is being maintained.
- The following will be waived for this joint degree program:
- The limit of nine hours to be shared between undergraduate and graduate programs.
- Undergraduate students taking graduate courses must be within nine hours of graduation
- Undergraduate students taking graduate courses must not register for more than a total of twelve hours in that semester
- Undergraduate students are not eligible to take 6000-level courses
- This Environmental Engineering program has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit <https://apq.ucf.edu/files/Licensure-Disclosure-CECS-Environmental-Engineering-BS.pdf>

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Shared Courses

-
- Shared B.S.Env.E./MS.Env.E , M.S. Environmental Engineering Sciences
 - Up to 12 credit hours of approved 5000 and 6000 level courses with grades of "B" (3.0) or better may be counted towards the B.S. and Masters degrees. These 12 credit hours will meet either technical elective or course requirements for the major. Contact the Graduate Coordinator in the Civil, Environmental, and Construction Engineering department for a list of acceptable courses.

Graduate Courses Link

- **<http://www.graduatecatalog.ucf.edu/content/Courses.aspx>**

Program Academic Learning Compacts

Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at:
http://www.oead.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$44 per term
- Full-Time Student: \$87 per term

Environmental Engineering B.S. to M.S. Track

College

College of Engineering and Computer Science

Department

Department of Civil, Environmental, and Construction Engineering

Program Type

Accelerated UndergraduateGraduate Program

Program Contact Information

College of Engineering & Computer Science
Department of Civil, Environmental and Construction Engineering
Engineering II (ENG2), 211
407-823-2841

Associate Professor: Dr. Andrew Randall
407-823-6429
andrew.randall@ucf.edu

Associate Chair: Dr. Kevin Mackie
Kevin.Mackie@ucf.edu

Program Description

Admission Requirements

- See Common Program Prerequisites.
- Qualified students may apply after completion of a minimum of 64 credit hours.
- Completion of no more than 96 credit hours.
- A minimum UCF GPA of at least 3.2 in all upper division courses.
- Courses that must be completed with a "B" or better for eligibility: EGN 3331C (Mechanics of Materials), ENV 3001 (Environmental Engineering), CWR 3201 (Fluid Mechanics), EGN 3343 (Thermodynamics) and CHM 2046C (Chemistry Fundamentals 2)
- Admission to the Accelerated Program does not guarantee formal admission to the MSEnvE or MS Environmental Engineering Sciences Track program.
- Admission is not automatic. Interested students may need to be interviewed.

Degree Requirements

- A "C" (2.0) or better is required in each pre-requisite course in Common Program Prerequisites, Advanced Core Requirements, and Capstone Requirements.

General Education (GEP)

38 Total Credits

- See Environmental Engineering (B.S.Env.E) in the Catalog for specific GEP requirements

Communication Foundations

9 Total Credits

- Earn at least 9 credits from the following types of courses:
Communication

Cultural & Historical Foundations

9 Total Credits

- Earn at least 9 credits from the following types of courses:
Cultural & Historical

Mathematical Foundations

7 Total Credits

- Earn at least 7 credits from the following types of courses:
Mathematical

Social Foundations

6 Total Credits

- Earn at least 6 credits from the following types of courses:
Social

Science Foundations

7 Total Credits

- Earn at least 7 credits from the following types of courses:
Science

Grand Total Credits: **38**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - Earn at least 19 credits from the following types of courses:
See Environmental Engineering (B.S.Env.E) in the Catalog for CPP requirements.
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

Grand Total Credits: **19**

Degree Requirements

Core Requirements: Basic Level
9 Total Credits

- Complete all of the following
 - Environmental engineering majors must complete both Earth Science and Biological Science coursework. See assigned academic advisor for list of approved courses.
 - Earn at least 9 credits from the following:
 - EGS1006C - Introduction to the Engineering Profession (1)
 - EGN1007C - Engineering Concepts and Methods (1)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHM2046 - Chemistry Fundamentals II (3)
 - CHM2046L - Chemistry Fundamentals Laboratory (1)
 - Earth Science (GEP) Credit Hours: 3
 - Biological Science Credit Hours: 3
 - A "C" (2.0) or better is required in this course : CHM 2045C, CHM 2046

Core Requirements: Advanced Level
53 Total Credits

- Complete all of the following
 - Earn at least 50 credits from the following:
 - EGN3310 - Engineering Analysis-Statics (3)
 - EGN3321 - Engineering Analysis-Dynamics (3)
 - EGN3331C - Mechanics of Materials (3)
 - EGN3343 - Thermodynamics (3)
 - EGN3613 - Engineering Economic Analysis (2)
 - ENV3001 - Environmental Engineering (3)
 - CCE4003 - Introduction to the Construction Industry (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CWR3201 - Engineering Fluid Mechanics (3)
 - CEG4011C - Geotechnical Engineering I (4)
 - EES4111C - Biological Process Control (4)
 - EES4202C - Chemical Process Control (4)
 - ENV4531 - Environmental Engineering Unit Operations & Processes (3)
 - ENV4120 - Air Pollution and Hazardous Waste Control (3)
 - ENV4561 - Advanced Environmental Engineering Operations & Processes (3)
 - ENV4341 - Sustainable Resource Management (3)
 - CWR4202C - Hydraulics (3)
 - Complete at least 1 of the following:
 - CWR4120 - Hydrology (3)
 - CWR4124 - Hydrogeology (3)

Restricted Electives
3 Total Credits

- Earn at least 3 credits from the following types of courses:

Technical electives are available in the BSEnvE program to address specific student interests in a variety of technical areas. Students should consult with their assigned academic advisor for a list of the approved technical electives and the terms when specific courses of this type are to be offered.

Capstone Requirements
6 Total Credits

- Required Senior Design Courses

Environmental Engineering Design Specialization
6 Total Credits

- Complete all of the following
 - Complete at least 1 of the following:
 - ENV4433C - Environmental Engineering Wastewater Design (3)
 - ENV4122C - Air Pollution Control Design (3)
 - ENV4562C - Environmental Engineering Water Treatment Design (3)

- Capstone Course
- Complete the following:
 - CGN4808C - CECE Capstone Design (3)

Grand Total Credits: **71**

Program Details

Electives

- None

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- Environmental engineering students must take the Fundamentals of Engineering (FE) Exam during their Senior year.

Required Minors

- None

Departmental Exit Requirements

- None

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.

- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required

- 128

Total Combined Hours Required

- 146

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- Each engineering student is assigned a qualified engineering academic advisor in the department of his/her major. Each student should seek academic advisement before registering for classes each semester to minimize excess hours and to ensure that satisfactory academic progress is being maintained.
- The following will be waived for this joint degree program:
- The limit of nine hours to be shared between undergraduate and graduate programs.
- Undergraduate students taking graduate courses must be within nine hours of graduation
- Undergraduate students taking graduate courses must not register for more than a total of twelve hours in that semester
- Undergraduate students are not eligible to take 6000-level courses
- This Environmental Engineering program has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit **<https://apq.ucf.edu/files/Licensure-Disclosure-CECS-Environmental-Engineering-BS-June2020.pdf>**

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Shared Courses

- Shared B.S.Env.E./MS.Env.E , M.S. Environmental Engineering Sciences. Students can earn up to a maximum of 12 credit hours of approved 5000 and 6000 level courses with grades of "B" (3.0) or better may be counted towards the B.S. and Masters degrees. These 12 credit hours will meet either technical elective or course requirements for the major. Contact the Graduate Coordinator in the Civil, Environmental, and Construction Engineering department for a list of acceptable courses.

Graduate Courses Link

- ***<http://www.graduatecatalog.ucf.edu/content/Courses.aspx>***

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: ***http://www.oeas.ucf.edu/alac/academic_learning_compacts.htm***

Equipment Fees

- Part-Time Student: \$44 per term
- Full-Time Student: \$87 per term

Industrial Engineering (B.S.I.E.)

College

College of Engineering and Computer Science

Department

Department of Industrial Engineering and Management Systems

Program Type

Major

Program Website

[https://www.ucf.edu/catalog/undergraduate/#/programs/H1JHJWujO?bc=true&bcCurrent=Industrial%20Engineering%20\(B.S.I.E.\)&bcltemType=programs](https://www.ucf.edu/catalog/undergraduate/#/programs/H1JHJWujO?bc=true&bcCurrent=Industrial%20Engineering%20(B.S.I.E.)&bcltemType=programs)

Program Contact Information

College of Engineering & Computer Science
Department of Industrial Engineering and Management Systems
Engineering II (ENG2), 312
407 823-2204

Academic Advisor: *Christin Saro*
407-823-5021
Christin.Saro@ucf.edu

Program Coordinator: *Dr. Luis Rabelo*
407-823-2204
Luis.Rabelo@ucf.edu

Is this program available 100% online?

No

Admission Requirements

- Students wanting to declare a major in an engineering discipline must be in good academic standing and must have a "C" (2.0) or better in each of the following courses or their equivalents: MAC 2311C, MAC 2312, PHY 2048C, and CHM 2045C or CHS 1440.
- Students wanting to declare a major in an engineering discipline must complete a change of major in the term of completion of the final pending prerequisite course(s) listed above.

Program Description

Admission Requirements

- Students wanting to declare a major in an engineering discipline must be in good academic standing and must have a "C" (2.0) or better in each of the following courses or their equivalents: MAC 2311C, MAC 2312, PHY 2048C, and CHM 2045C or CHS 1440.
- Students wanting to declare a major in an engineering discipline must complete a change of major in the term of completion of the final pending prerequisite course(s) listed above.

Degree Requirements

- Each engineering student is assigned a qualified engineering academic advisor in the department of his/her major. Each student should seek academic advisement before registering for classes each semester to minimize excess hours and to ensure that satisfactory academic progress is being maintained.
- Students in the Industrial Engineering major are expected to make consistent good progress toward their degrees to remain enrolled in, or eligible for, any major in the College of Engineering & Computer Science (CECS) or the College of Optics and Photonics (COP). Therefore, any student majoring in Industrial Engineering who repeats any UCF course and does not earn a grade of "C" (2.0) or better on the second attempt will be placed on Lack of Progress Probation and remain on Lack of Progress Probation as long as the student is enrolled in a CECS or COP major. If a student on Lack of Progress Probation does not receive a grade of "C" (2.0) or better by the third attempt in the same UCF course, the student will be excluded from all CECS and COP majors. Any student majoring in Industrial Engineering who has accumulated 7 or more unsuccessful attempts (i.e., grades below "C" (2.0) and withdrawals) over all courses taken at UCF will be placed on Lack of Progress Probation and remain on Lack of Progress Probation as long as the student is enrolled in a CECS or COP major. If a student on Lack of Progress Probation has a tenth unsuccessful attempt over all courses taken at UCF, the student will be excluded from all CECS and COP majors.
- A student who is excluded from CECS and COP majors may seek readmission to a major in CECS or COP after at least one full year has passed since exclusion. Readmission is not automatic and is dependent upon a high probability of success after readmission. Any student who is readmitted to the Industrial Engineering major will be subject to all probation conditions that applied at the time of exclusion.

General Education (GEP)

0 Total Credits

- The UCF General Education Program (GEP) is described in the section, General Education Program, found elsewhere in this catalog. Engineering students should closely study the requirements of the UCF GEP and the allowable substitutions detailed in paragraphs A. through E. below to minimize excess hours. Students transferring to UCF from within the Florida College System or State University System should complete the GEP and the Common Program Prerequisites before transferring.

Communication Foundations

9 Total Credits

- Complete all of the following
 - Required:
 - Complete the following:
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Preferred:
 - Complete the following:
 - SPC1603C - Fundamentals of Technical Presentations (3)

Cultural & Historical Foundations

9 Total Credits

- Complete all of the following
 - Earn at least 6 credits from the following types of courses:
Historical Foundations
 - Earn at least 3 credits from the following types of courses:
Cultural Foundations

Mathematical Foundations

7 Total Credits

- Complete all of the following
 - Required:
 - Complete the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - STA3032 - Probability and Statistics for Engineers (3)

Social Foundations

6 Total Credits

- Complete 2 of the following
 - Preferred:
 - Complete at least 1 of the following:
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - Or
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundations

7 Total Credits

- Complete all of the following
 - Required:
 - Complete the following:
 - PHY2048C - General Physics Using Calculus I Studio (4)
 - Earn at least 3 credits from the following course sets:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **38**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - These courses are specifically required for all engineering students of the Florida State University System. CPP courses are also available at other Florida postsecondary schools and may be transferred directly to UCF programs. A 2.0 cumulative GPA or better is required for those courses in this section.
 - See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
 - Earn at least 15 credits from the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - MAC2313 - Calculus with Analytic Geometry III (4)
 - MAP2302 - Ordinary Differential Equations I (3)
 - PHY 2048C - General Physics Using Calculus I (or PHY2048 and PHY2048L) Credit Hours: 4 (GEP)
 - PHY 2049C - General Physics Using Calculus II (or PHY2049 and PHY2049L) Credit Hours: 4
 - Complete at least 1 of the following:
 - CHS1440 - Principles of Chemistry (4)
 - CHM2045C - Chemistry Fundamentals I (4)
 - GEP Courses: MAC 2311C, PHY 2048C/PHY 2048 & PHY 2048L , and PHY 2049C/PHY2049 & PHY 2049L

Grand Total Credits: **19**

Degree Requirements

Core Requirements: Basic Level

2 Total Credits

- Engineering Core: Basic
- Complete all of the following
 - The College of Engineering & Computer Science requires all engineering students to achieve a minimum 2.250 GPA in completing the core courses required for the major, together with the restricted electives and senior design courses listed below.
 - Complete the following:
 - EGS1006C - Introduction to the Engineering Profession (1)
 - EGN1007C - Engineering Concepts and Methods (1)

Core Requirements: Advanced Level

60 Total Credits

- Courses Required for the Major
- Complete all of the following
 - The Industrial Engineering and Management Systems department requires all students within the major to achieve a "C" (2.0) GPA or better in all courses in this section with a prefix of EIN, EGS, ESI, STA, MAS, and EGN 3310 and COP 3223C.
 - Earn at least 60 credits from the following:
 - STA3032 - Probability and Statistics for Engineers (3)
 - EIN3351 - Engineering Economic Analysis and Cost Engineering (3)
 - ESI3933 - Industrial Engineering Career Faculty Advising
 - ESI4628 - Decision Support Systems for Industrial Engineers (3)
 - EIN4243 - Human Engineering (3)
 - EIN4333 - Production and Distribution Systems (3)
 - EIN4360 - Facilities Planning and Work Design (4)
 - EIN4391 - Manufacturing Engineering (3)
 - ESI4221 - Empirical Methods for Industrial Engineering (3)
 - ESI4234 - Quality Engineering (3)
 - Course Not Found
 - ESI4313 - Stochastic Methods for Operations Research (3)
 - ESI4523 - Systems Simulation (3)
 - EIN4517 - Systems Engineering (3)
 - EGS4624 - Engineering Innovation and Leadership (3)
 - EGN3310 - Engineering Analysis-Statics (3)
 - COP3223C - Introduction to Programming with C (3)
 - EGN3321 - Engineering Analysis-Dynamics (3)
 - EGN3373 - Principles of Electrical Engineering (3)
 - EGN3343 - Thermodynamics (3)
 - MAS3105 - Matrix and Linear Algebra (4)
 - *COP 3223C- Courses with significant programming content in C, C++ or Java may be used to satisfy this requirement but must be approved by the IEMS undergraduate coordinator:
 - GEP Course: STA 3032

Restricted Electives

6 Total Credits

- Earn at least 6 credits from the following types of courses:

Technical electives are available in the BSIE program to address specific student interests in a variety of technical areas. Students should consult with their assigned academic advisor for a list of the approved technical electives and the terms when specific courses of this type are to be offered.

Capstone Requirements

4 Total Credits

- Complete the following:
 - EIN4891C - Industrial Engineering Senior Design Project (4)

Grand Total Credits: **72**

Program Details

Electives

- None

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- None

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 128

Career Advising

The department requires all students in the program to meet with a faculty member for advising on career. This

course should be taken during the 3rd year after students have completed STA 3032.

- ESI 3933 - Industrial Engineering Career Faculty Advising **Credit Hours: 0**

Additional Information

Honors In Major

- None

Related Programs

- Mechanical Engineering (B.S.M.E.)

Certificates

- Engineering Leadership Certificate

Related Minors

- Engineering Leadership Minor

Advising Notes

- This Industrial Engineering program has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit <https://apq.ucf.edu/files/Licensure-Disclosure-CECS-Industrial-Engineering-BS.pdf>

Transfer Notes

- Courses transferred must be formally evaluated for equivalency credit. The student must provide all supporting information with his/her petition for this evaluation.
- EGS 1006C and EGN 1007C are required courses for incoming freshmen only. The credits for these two courses (one hour each) may, with prior approval of the department academic advisor, be moved to area 5. Restricted Electives.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$38 per term
- Full-Time Student: \$77 per term

Plan of Study (128 Credit Hours)

- Tentative Course Schedule for Entering Freshmen: The tentative course schedule listed below is a guide for those students who plan on completing their degree in four years. All engineering students should meet with their advisor to develop and maintain an appropriate plan of study.

Freshman Year - Fall (12 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- EGS 1006C - Introduction to the Engineering Profession **Credit Hours: 1**
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**
- CHS 1440 - Principles of Chemistry **Credit Hours: 4 or**
- PHY 2048C - General Physics Using Calculus I (or PHY2048 and PHY2048L) **Credit Hours: 4**

Freshman Year - Spring (12 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- EGN 1007C - Engineering Concepts and Methods **Credit Hours: 1**
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**

Freshman Year - Summer (9 Credit Hours)

- COP 3223C - Introduction to Programming with C **Credit Hours: 3**

Select One: (3 Credit Hours)

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**

Select One: (3 Credit Hours)

- SPC 1603C - Fundamentals of Technical Presentations **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**

Sophomore Year - Fall (14 Credit Hours)

- MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4**
- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3**
- GEP **Credit Hours: 3**
- EGN 3310 - Engineering Analysis-Statics **Credit Hours: 3**

Sophomore Year - Spring (13 Credit Hours)

- MAP 2302 - Ordinary Differential Equations I **Credit Hours: 3**
- EGN 3321 - Engineering Analysis-Dynamics **Credit Hours: 3**
- MAS 3105 - Matrix and Linear Algebra **Credit Hours: 4**
- EIN 3351 - Engineering Economic Analysis and Cost Engineering **Credit Hours: 3**

Sophomore Year - Summer (10 Credit Hours)

- GEP **Credit Hours: 6**
- PHY 2049C - General Physics Using Calculus II (or PHY2049 and PHY2049L) **Credit Hours: 4**

Junior Year - Fall (13 Credit Hours)

- ESI 4312 - Deterministic Methods for Operations Research **Credit Hours: 3**
- EGN 3373 - Principles of Electrical Engineering **Credit Hours: 3**
- EIN 4360 - Facilities Planning and Work Design **Credit Hours: 4**
- ESI 4221 - Empirical Methods for Industrial Engineering **Credit Hours: 3**
- ESI 3933 - Industrial Engineering Career Faculty Advising **Credit Hours: 0**

Junior Year - Spring (12 Credit Hours)

- ESI 4523 - Systems Simulation **Credit Hours: 3**
- EIN 4333 - Production and Distribution Systems **Credit Hours: 3**
- EIN 4243 - Human Engineering **Credit Hours: 3**
- ESI 4313 - Stochastic Methods for Operations Research **Credit Hours: 3**

Junior Year - Summer (9 Credit Hours)

- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**
- EGN 3343 - Thermodynamics **Credit Hours: 3**

Senior Year - Fall (12 Credit Hours)

- Approved Technical Elective **Credit Hours: 3**
- EIN 4391 - Manufacturing Engineering **Credit Hours: 3**
- ESI 4234 - Quality Engineering **Credit Hours: 3**
- ESI 4628 - Decision Support Systems for Industrial Engineers **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- EIN 4891C - Industrial Engineering Senior Design Project **Credit Hours: 4**
- Approved Technical Elective **Credit Hours: 3**
- EGS 4624 - Engineering Innovation and Leadership **Credit Hours: 3**
- EIN 4517 - Systems Engineering **Credit Hours: 3**

Information Technology (B.S.)

College

College of Engineering and Computer Science

Program Type

Major

Program Contact Information

College of Engineering & Computer Science
Electrical Engineering & Computer Science Department
Harris Corporation Engineering Center (HEC), 346
407-823-2341
undergraduate@cs.ucf.edu

Undergraduate Coordinator for CS & IT: Dr. Mark Heinrich

Academic Advisor II: Sean Donovan

Program Description

Admission Requirements

- None

Degree Requirements

- "C" (2.0) or better required in all prerequisites and courses required for the major.
- Students should consult with a departmental advisor.
- A Residency Requirement consists of at least 24 semester hours of regularly scheduled 3000-5000 level courses taken from the Computer Science Department at UCF.
- 12 of the 24 Residency hours must be at the 4000-5000 level.
- Students in the Information Technology major are expected to make consistent good progress toward their degrees to remain enrolled in, or eligible for, any major in the College of Engineering & Computer Science (CECS) or the College of Optics and Photonics (COP). Therefore, any student majoring in Information Technology who repeats any UCF course and does not earn a grade of "C" (2.0) or better on the second attempt will be placed on Lack of Progress Probation and remain on Lack of Progress Probation as long as the student is enrolled in a CECS or COP major. If a student on Lack of Progress Probation does not receive a grade of "C" (2.0) or better by the third attempt in the same UCF course, the student will be excluded from all CECS and COP majors. Any student majoring in Information Technology who has accumulated 7 or more unsuccessful attempts (i.e., grades below "C" (2.0) and withdrawals) over all courses taken at UCF will be placed on Lack of Progress Probation and remain on Lack of Progress Probation as long as the student is enrolled in a CECS or COP major. If a student on Lack of Progress Probation has a tenth unsuccessful attempt over all courses taken at UCF, the student will be excluded from all CECS and COP majors.
- A student who is excluded from CECS and COP majors may seek readmission to a major in CECS or COP after at least one full year has passed since exclusion. Readmission is not automatic and is dependent upon a high probability of success after readmission. Any student who is readmitted to the Information Technology major will be subject to all probation conditions that applied at the time of exclusion.

General Education (GEP)

Communication Foundations

9 Total Credits

- Complete all of the following
 - Required:
 - Complete the following:
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Preferred:
 - Complete at least 1 of the following:
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

Cultural & Historical Foundations

9 Total Credits

- Earn at least 9 credits from the following course sets:

GEP 4- Historical & Cultural Foundation

- AMH2010 - U.S. History: 1492-1877 (3)
- EUH2000 - Western Civilization I (3)
- EUH2001 - Western Civilization II (3)
- HUM2020 - Encountering the Humanities (3)
- HUM2210 - Studies in Culture: Ancient to 17th Century (3)
- HUM2230 - Studies in Culture: 17th Century to Present (3)
- WOH2012 - World Civilization I (3)
- WOH2022 - World Civilization II (3)

GEP 5- Historical & Cultural Foundation

- ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
- ARH2050 - History of Western Art I (3)
- ARH2051 - History of Western Art II (3)
- FIL1000 - Cinema Survey (3)
- FIL2030 - History of Motion Pictures (3)
- FIL3036 - Film History I (3)
- FIL3037 - Film History II (3)
- LIT2110 - World Literature I (3)
- LIT2120 - World Literature II (3)
- MUH2017 - Survey of Rock Music (3)
- MUH2019 - American Popular Music, 1840s-present (3)
- MUL2016 - Evolution of Jazz (3)
- MUL2720 - Music of the World (3)
- PHI2010 - Introduction to Philosophy (3)
- REL2300 - World Religions (3)
- THE2000 - Theatre Survey (3)
- MUL2010 - Enjoyment of Music (3)

Mathematical Foundations

6 Total Credits

- Complete all of the following
 - Required:
 - Complete the following:
 - STA2023 - Statistical Methods I (3)
 - Suggested:
 - Complete at least 1 of the following:
 - MAC1105C - College Algebra (3)
 - MAC1140C - Pre-Calculus Algebra (3)

Social Foundations

6 Total Credits

- Complete all of the following
 - Required:
 - Complete the following:
 - ECO2013 - Principles of Macroeconomics (3)
 - PSY2012 - General Psychology (3)

Science Foundations

7 Total Credits

- Complete all of the following
 - Required:
 - Earn at least 4 credits from the following course sets:
 - PHY 2053C
 - PHY2053C - College Physics I Studio (4)
 - PHY 2053 and 2053L
 - PHY2053 - College Physics I (3)
 - PHY2053L - College Physics I Laboratory (1)
 - Earn at least 3 credits from the following course sets:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)

- CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
- GEP 12- Science Foundation
- ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **37**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - A "C" (2.0) or better is required in each of these courses.
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information.
 - Earn at least 12 credits from the following:
 - MAC1114C - College Trigonometry (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - PSY2012 - General Psychology (3)
 - COP3223C - Introduction to Programming with C (3)
 - COP3330 - Object Oriented Programming (3)
 - CGS2545C - Database Concepts (3)
 - STA2023 - Statistical Methods I (3)
 - PHY 2053C - College Physics I (or PHY2053 and PHY 2053L) Credit Hours: 4 (GEP)
 - GEP Courses: ECO 2013, PSY 2012, PHY 2053C/PHY 2053 & PHY 2053L, STA 2023
 - Complete at least 1 of the following:
 - MAD2104 - Foundations of Discrete Math (3)
 - COT3100C - Introduction to Discrete Structures (3)

Grand Total Credits: **15**

Degree Requirements

Core Requirements: Basic Level
0 Total Credits

- None

Core Requirements: Advanced Level
52 Total Credits

- Complete all of the following
 - A "C" (2.0) or better is required in each of these courses.
Core Requirements
 - Complete all of the following
 - Complete the following:
 - COP3502C - Computer Science I (3)
 - CIS3360 - Security in Computing (3)
 - CAP3104 - Foundations of HCI (3)
 - CGS3269 - Computer Architecture Concepts (3)
 - CNT3004 - Computer Network Concepts (3)
 - CIS3003 - Fundamentals of Information Technology (3)
 - CIS4524 - Managing IT Integration (3)
 - CNT4714 - Enterprise Computing (3)
 - CIS4004 - Web-Based Information Technology (3)
 - CNT4703C - Design and Implementation of Computer Communication Networks (3)
 - COP4910 - Frontiers in Information Technology (3)
 - PHI3626 - Advanced Ethics in Science and Technology (3)
 - CGS3763 - Operating System Concepts (3)
 - CNT4603 - System Administration and Maintenance (3)
 - Earn at least 4 credits from the following course sets:
PHY 2054C
 - PHY2054C - College Physics II Studio (4)
PHY 2054 and PHY 2054L
 - PHY2054 - College Physics II (3)
 - PHY2054L - College Physics II Laboratory (1)
 - Support Courses
 - Complete all of the following
 - A "C" (2.0) or better is required in each of these courses.
 - Complete at least 1 of the following:
 - ENC4293 - Documentation and Project Management (3)
 - ENC4265 - Writing for the Computer Industry (3)
 - ENC4414 - Writing and Hypertext (3)
 - ENC4415 - Digital Rhetorics and The Modern Dialectic (3)
 - ENC4298 - Technical Communication for the Virtual Workplace (3)
 - ENC4416 - Writing in Digital Environments (3)
 - ENC4262 - International Technical Communication (3)
 - ENC4215 - Document Design and Publication (3)
 - Complete at least 1 of the following:
 - ENC3241 - Writing for the Technical Professional (3)
 - ENC3250 - Professional Writing (3)

Restricted Electives
6 Total Credits

- Complete all of the following
 - Earn at least 6 credits from the following types of courses:
any 3000-level (or higher) courses offered by Computer Science and Information Technology programs. CGS 4941 can be used as a restricted elective one time only.
 - A "C" (2.0) or better is required in each of these courses.

Grand Total Credits: **58**

Program Details

Capstone Requirements

- None

Electives

- Remaining hours needed to meet minimum of 120 hours for graduation should be met with Free Electives.

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- An "S" grade is required in all these courses.

Major specific support courses (1 Credit Hour)

- CIS 3990 - IT Career and Academic Advising I **Credit Hours: 0**
- CIS 4991 - IT Career and Academic Advising II **Credit Hours: 0**
- CIS 3921 - Careers in IT **Credit Hours: 1**

Required Minors

- None

Departmental Exit Requirements

- None

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- None

Related Programs

- Computer Engineering
- Computer Science (B.S.)

Certificates

- Cyber Operations Certificate

Related Minors

- Secure Computing and Networks Minor

Advising Notes

- None

Transfer Notes

- Grades below "C" (2.0) are not accepted
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$23 per term
- Full-Time Student: \$47 per term

Plan of Study

Freshman Year - Fall (12 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**

- SPC 1603C - Fundamentals of Technical Presentations **Credit Hours: 3**
- COP 3223C - Introduction to Programming with C **Credit Hours: 3**

Select One: (3 Credit Hours)

- MAC 1105C - College Algebra **Credit Hours: 3**
- MAC 1140C - Pre-Calculus Algebra **Credit Hours: 3**

Freshman Year - Spring (15 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- MAC 1114C - College Trigonometry **Credit Hours: 3**
- COP 3502C - Computer Science I **Credit Hours: 3**
- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**
- PSY 2012 - General Psychology **Credit Hours: 3**

Sophomore Year - Fall (16 Credit Hours)

- MAD 2104 - Foundations of Discrete Math **Credit Hours: 3**
- COP 3330 - Object Oriented Programming **Credit Hours: 3**
- PHY 2053C - College Physics I (or PHY2053 and PHY2053L) **Credit Hours: 4**
- CGS 2545C - Database Concepts **Credit Hours: 3**
- GEP **Credit Hours: 3**

Sophomore Year - Spring (16 Credit Hours)

- CGS 3269 - Computer Architecture Concepts **Credit Hours: 3**
- STA 2023 - Statistical Methods I **Credit Hours: 3**
- CIS 3003 - Fundamentals of Information Technology **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- CIS 3921 - Careers in IT **Credit Hours: 1**
- CIS 3990 - IT Career and Academic Advising I **Credit Hours: 0**

Junior Year - Fall (16 Credit Hours)

- CAP 3104 - Foundations of HCI **Credit Hours: 3**
- PHY 2054C - College Physics II (or PHY2054 and PHY2054L) **Credit Hours: 4**
- CNT 3004 - Computer Network Concepts **Credit Hours: 3**
- CIS 3360 - Security in Computing **Credit Hours: 3**

Select One: (3 Credit Hours)

- ENC 3241 - Writing for the Technical Professional **Credit Hours: 3**
- ENC 3250 - Professional Writing **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- CIS 4524 - Managing IT Integration **Credit Hours: 3**
- PHI 3626 - Advanced Ethics in Science and Technology **Credit Hours: 3**
- GEP **Credit Hours: 3**
- CGS 3763 - Operating System Concepts **Credit Hours: 3**

Select One: (3 Credit Hours)

- ENC 4265 - Writing for the Computer Industry **Credit Hours: 3**
- ENC 4293 - Documentation and Project Management **Credit Hours: 3**
- ENC 4414 - Writing and Hypertext **Credit Hours: 3**
- ENC 4415 - Digital Rhetorics and The Modern Dialectic **Credit Hours: 3**
- ENC 4298 - Technical Communication for the Virtual Workplace **Credit Hours: 3**
- ENC 4416 - Writing in Digital Environments **Credit Hours: 3**
- ENC 4262 - International Technical Communication **Credit Hours: 3**
- ENC 4215 - Document Design and Publication **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- CNT 4703C - Design and Implementation of Computer Communication Networks **Credit Hours: 3**
- CIS 4004 - Web-Based Information Technology **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- CNT 4603 - System Administration and Maintenance **Credit Hours: 3**
- CIS 4991 - IT Career and Academic Advising II **Credit Hours: 0**

Senior Year - Spring (15 Credit Hours)

- Restricted Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**
- COP 4910 - Frontiers in Information Technology **Credit Hours: 3**
- CNT 4714 - Enterprise Computing **Credit Hours: 3**

Information Technology Minor

College

College of Engineering and Computer Science

Program Type

Minor

Program Contact Information

College of Engineering & Computer Science
Electrical Engineering & Computer Science Department
Harris Corporation Engineering Center (HEC), 346
407-823-2341
CSundergrad@ucf.edu

Associate Lecturer & ABET Coordinator for IT: Dr. Mark Llewellyn
407-823-2790
Mark.Llewellyn@ucf.edu

Program Description

Minor Admission Requirements

- Not open to Information Technology majors, Computer Science majors or Computer Engineering majors.

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Required Courses

15 Total Credits

- Complete the following:
 - COP3223C - Introduction to Programming with C (3)
 - CGS2545C - Database Concepts (3)
 - CGS3269 - Computer Architecture Concepts (3)
 - CGS3763 - Operating System Concepts (3)
 - CIS3003 - Fundamentals of Information Technology (3)

Restricted Electives

3 Total Credits

- Earn at least 3 credits from the following types of courses:
any one (1) additional course taught by CS/IT at UCF that counts toward the IT major. Requisites must be met to access elective courses.

Grand Total Credits: **18**

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

Other Requirements

- Not open to Information Technology majors, Computer Science majors, or Computer Engineering majors.
- A minimum grade of "C" (2.0) or better is required in each course used to satisfy the minor.
- At least 9 hours used in the minor must be earned within the Computer Science or Information Technology program at UCF.
- No credit by exam (TSD, Military credit) may be used.
- Internship, cooperative education, or Independent Study credit cannot be used toward the minor.
- The courses used to satisfy the college electives for this minor cannot also be used to satisfy the requirements for a Computer Science Minor.

Intelligent Robotic Systems (IRS), Interdisciplinary Minor

College

College of Engineering and Computer Science

Department

Department of Electrical and Computer Engineering

Program Type

Minor

Program Contact Information

**College of Engineering & Computer Science
Engineering I (ENG1), 107**

Director, Academic Support Services, CECS Progress Policy, and Readmission: Kim Small
407-823-2455
Kim.Small@ucf.edu

Program Description

Minor Admission Requirements

- None

Minor Requirements

- None

Degree Requirements

Prerequisite Courses

3 Total Credits

Select One:

- Complete all of the following
 - A high-level programming language class (like the following or its equivalent) is required for the minor.
 - Complete at least 1 of the following:
 - COP3223C - Introduction to Programming with C (3)
 - EGN3211 - Engineering Analysis and Computation (3)

Required Courses

6 Total Credits

- Complete the following:
 - EGN4060C - Introduction to Robotics (3)
 - EEL4660 - Robotic Systems (3)

Restricted Electives

12 - 13 Total Credits

No Rules

Select Four:

12 - 13 Total Credits

- Complete all of the following
 - Note: Courses with equivalent content cannot both be counted toward the electives.
 - Complete at least 4 of the following:
 - CAP4053 - AI for Game Programming (3)
 - CAP4453 - Robot Vision (3)
 - CAP4611 - Algorithms for Machine Learning (3)
 - COP3503C - Computer Science II (3)
 - EEL3657 - Linear Control Systems (3)
 - EEL4612C - Introduction to Modern and Robust Control (4)
 - EEL4750 - Digital Signal Processing Fundamentals (3)
 - EEL4818H - Honors Current Topics in Machine Learning I (3)
 - EEL4872 - Engineering Applications of Intelligent Systems (3)
 - EGN3321 - Engineering Analysis-Dynamics (3)
 - EML3262 - Kinematics of Mechanisms (3)
 - EML4225 - Introduction to Vibrations and Controls (3)
 - EML4264 - Vehicle Dynamics (3)
 - EML4313 - Intermediate System Dynamics and Controls (3)
 - EML4804C - Digital Control in Mechatronics (3)
 - CAP4611 - Algorithms for Machine Learning (3)
 - EAS4105 - Flight Mechanics (3)
 - EEL4650 - Introduction to Sensors (3)
 - * EEL 4818H can be substituted with EEL 4815 Current Topics in Machine Learning 1
 - CAP 5415 - Computer Vision Credit Hours: 3
 - CAP 5512 - Evolutionary Computation Credit Hours: 3
 - CAP 5610 - Machine Learning Credit Hours: 3
 - EEL 5669 - Introduction to Robotics and Autonomous Vehicles Credit Hours: 3
 - EEL 5173 - Linear Systems Theory Credit Hours: 3
 - EEE 5513 - Digital Signal Processing Applications Credit Hours: 3
 - EEL 5625 - Applied Control Systems Credit Hours: 3
 - EEL 5630 - Digital Control Systems Credit Hours: 3
 - EEL 5820 - Image Processing Credit Hours: 3
 - EEL 5825 - Pattern Recognition Credit Hours: 3
 - EML 5311 - System Control Credit Hours: 3
 - EML 5290 - Introduction to MEMS and Micromachining Credit Hours: 3

Grand Total Credits: **21 - 22**

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

Other Requirements

- A minimum grade of C (2.0) is required in each course used to satisfy the minor.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor.

International Engineering Minor

College

College of Engineering and Computer Science

Program Type

Minor

Program Contact Information

College of Engineering & Computer Science
Engineering I (ENG1), 107
407-823-2455

Pegasus Professor and Chair of the Department of Industrial Engineering and Management Systems: Dr. Waldemar Karwowski

Program Description

The objective of this minor is to provide engineering, and computer science students with the opportunity to learn about and experience firsthand the global aspects of engineering, science and technology. This minor is designed for maximum flexibility in programming, given the many different countries, cultures, partner foreign institutions and individual student needs. Through this minor, CECS students gain academic and/or work experience at an approved foreign institution compatible with UCF CECS, while simultaneously becoming familiar with the social as well as professional and technical cultures of their host country. CECS students can spend one or two semesters abroad gaining valuable international experience in their chosen field. This is especially important in today's global economy in which employers look for graduates with international experience in their major area.

Minor Admission Requirements

- Admission by interview with the Program Coordinator
- A minimum UCF cumulative GPA of 2.75 is required to enter the minor.

Minor Requirements

- None

Prerequisite Courses

- Pre-requisites to the minor include completion of a minimum of 45 credit hours prior to the study abroad experience.

Degree Requirements

Required Courses

18 Total Credits

- The International minor in Engineering or Computer Science is composed of three parts:

Language Skill Acquisition

6 Total Credits

- Complete all of the following
 - It is important that students possess a working level of language skills in the language of the prospective country to be visited in the Study Abroad Experience below. Therefore, students must demonstrate proficiency in the language of their chosen country through at least the first year of college study. This can be achieved by completing six to eight hours of language coursework at UCF if such coursework is available, at the foreign institution where they will be going, or by passing an exam prior to the study abroad experience. Language coursework must relate to the country/region in which the student will be studying and must be approved beforehand by program coordinator. This requirement can be waived by the minor coordinator for study abroad in countries in where English is widely spoken.
 - For International Engineering Exchange Programs that include class instruction in a language other than English, students must show advanced proficiency in that language either through a sufficient score on the Foreign Language Proficiency Exam to demonstrate fluency in the language and/or through satisfying any language proficiency requirements specified by the host institution. If the student does not demonstrate advanced proficiency in the local language of instruction, he/she must spend at least one academic year abroad with the first semester or more devoted to language study and another semester to Engineering/Computer Science coursework.
 - If the student demonstrates proficiency through exam or if the language requirement is waived, he/she will instead take six hours of alternative international coursework, appropriate to the region of study, at UCF in lieu of the foreign language credits. This alternative international coursework will consist of two of the following courses (or an equivalent(s) approved by the program coordinator):
 - Complete at least 2 of the following:
 - ANT3212 - Peoples of the World (3)
 - ANT3541 - Biobehavioral Anthropology (3)
 - ANT4332 - People and Cultures of Latin America (3)
 - ANT3610 - Language and Culture (3)
 - ASH4442 - Modern Japan (3)
 - ASH4442 - Modern Japan (3)
 - COM4461 - Intercultural Communication (3)

- CPO3034 - Politics of Developing Areas (3)
- CPO3103 - Comparative Politics (3)
- CPO3104 - Politics of Western Europe (3)
- CPO4101 - Politics of the European Union (3)
- CPO4303 - Comparative Latin American Politics (3)
- CPO4643 - Government and Politics of Russia (3)
- GEO3471 - World Political Geography (3)
- REL3333 - Hinduism (3)
- REL3363 - Islam (3)
- IDS3333 - Issues in Diversity Studies (3)
- INR4035 - International Political Economy (3)
- INR4102 - American Foreign Policy (3)
- INR4224 - Contemporary International Politics of Asia (3)
- INR4243 - International Politics of Latin America (3)
- INR4401 - International Law (3)

Cultural Coursework

3 Total Credits

It is important to formally expose the students to the culture of the country or region where they plan to have their study abroad experience. This can be done in one of two ways, in decreasing order of preference:

- Complete 1 of the following
 - Earn at least 3 credits from the following types of courses:
Option 1) Students will complete three hours of coursework in society/culture international relations, or global economics related to the country/region where the student is having his/her study abroad experience. It is recommended that this course be completed at the foreign institution if available
 - Earn at least 3 credits from the following types of courses:
Option 2) If such a course cannot be found, then the minor coordinator will select a course to take in its place at UCF that will achieve similar results.

Study Abroad Experience

9 Total Credits

- Complete all of the following
 - Earn at least 9 credits from the following types of courses:
The study abroad experience represents the most important aspect of this minor. To satisfy this requirement, students complete 9 hours of technical coursework (classroom studies) in residence at a partner institution abroad.
 - Students must take coursework abroad of equivalent content and level to what they would take at UCF as part of their degree program. With the realization that courses are different in the various overseas institutions, the proposed overseas coursework must be explicitly approved by the student's home department to ensure equivalency. Students must first consult with their home department to determine the core, required and/or elective courses they are eligible to take, and look for equivalencies of courses offered at the overseas institution during the time of their expected study abroad experience. They must then proceed to consult with the international minor coordinator before seeking departmental approval. Departmental approval must be obtained before enrolling in the overseas classes.

Grand Total Credits: **18**

Program Details

Restricted Electives

- None

Foreign Language Requirements

- See Language Skills Acquisition

Total Undergraduate Credit Hours Required: 18

Other Requirements

- A minimum grade of "C" (2.0) or better is required in each course toward the minor.
- Pre-requisites to the minor include completion of a minimum of 45 credit hours prior to the study abroad experience.

Materials Science and Engineering (B.S.M.S.E.)

College

College of Engineering and Computer Science

Program Type

Major

Program Contact Information

College of Engineering & Computer Science
Department of Materials Science & Engineering
Engineering I (ENG 1), 207

407-823-0607

MSEInquiry@ucf.edu

Associate Professor: Dr. Parag Banerjee

Parag.Banerjee@ucf.edu

Academic Support Services Coordinator: Pamela Ross

Pamela.Ross@ucf.edu

Program Description

Admission Requirements

- Students who wish to declare their major in Materials Science and Engineering must be in good academic standing and must have a grade of "C" (2.0) or better in each of the following courses or their equivalents: MAC 2311, MAC 2312, CHM 2045C, and PHY 2048C.

Degree Requirements

- The Materials Science and Engineering Department requires all students in the Materials Science and Engineering Major to earn a "C" (2.0) or better in the following sections: Section 2: Common Program Prerequisites (CPP), Section 3: Core Requirements Basic Level, Section 4: Core Requirements - Advanced Level, Section 5: Restricted / Approved Technical Electives, and Section 6: Capstone Requirement.
- Students in the Materials Science and Engineering major are expected to make consistent good progress toward their degrees to remain enrolled in, or eligible for, any major in the College of Engineering & Computer Science (CECS) or the College of Optics and Photonics (COP). Therefore, any student majoring in Materials Science and Engineering who repeats any UCF course and does not earn a grade of "C" (2.0) or better on the second attempt will be placed on Lack of Progress Probation and remain on Lack of Progress Probation as long as the student is enrolled in a CECS or COP major. If a student on Lack of Progress Probation does not receive a grade of "C" (2.0) or better by the third attempt in the same UCF course, the student will be excluded from all CECS and COP majors. Any student majoring in Materials Science and Engineering who has accumulated 7 or more unsuccessful attempts (i.e., grades below "C" (2.0) and withdrawals) over all courses taken at UCF will be placed on Lack of Progress Probation and remain on Lack of Progress Probation as long as the student is enrolled in a CECS or COP major. If a student on Lack of Progress Probation has a tenth unsuccessful attempt over all courses taken at UCF, the student will be excluded from all CECS and COP majors.
- A student who is excluded from CECS and COP majors may seek readmission to a major in CECS or COP after at least one full year has passed since exclusion. Readmission is not automatic and is dependent upon a high probability of success after readmission. Any student who is readmitted to the Civil Engineering major will be subject to all probation conditions that applied at the time of exclusion.

General Education (GEP)

- Complete all of the following
 - The UCF General Education Program (GEP) is described in the General Education Program section, located elsewhere in this catalog. Engineering students should closely study the requirements of the UCF GEP and the allowable substitutions detailed in paragraphs A. through E. below to minimize excess hours. Students transferring to UCF from within the Florida College System or State University System should complete the GEP and the Common Program Prerequisites before transferring.
 - Communication Foundations
 - Complete all of the following
 - Required:
 - Complete the following:
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 of the following:
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Cultural & Historical Foundations
 - Complete all of the following
 - Earn at least 3 credits from the following types of courses:
 - Historical Foundations
 - Earn at least 3 credits from the following types of courses:
 - Cultural Foundations
 - Earn at least 3 credits from the following course sets:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)

- HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
- GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Mathematical Foundations
 - Complete all of the following
 - Required:
 - Complete the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - STA3032 - Probability and Statistics for Engineers (3)
- Social Foundations
 - Complete all of the following
 - Complete at least 1 of the following:
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - And
 - Earn at least 3 credits from the following course sets:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
- Science Foundations
 - Complete all of the following
 - Required:
 - Complete the following:
 - CHM2045C - Chemistry Fundamentals I (4)
 - Earn at least 3 credits from the following course sets:
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **38**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - These courses are specifically required for all engineering students of the Florida State University System. CPP courses are also available at other Florida postsecondary schools and may be transferred directly to UCF programs. All students must earn a grade of "C" (2.0) or better in Common Program Prerequisites.
 - Earn at least 23 credits from the following:
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHM2046 - Chemistry Fundamentals II (3)
 - CHM2046L - Chemistry Fundamentals Laboratory (1)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - MAC2313 - Calculus with Analytic Geometry III (4)
 - MAP2302 - Ordinary Differential Equations I (3)
 - PHY 2048C General Physics Using Calculus I (or PHY 2048 and PHY2048L) Credit Hours: 4
 - PHY 2049C General Physics Using Calculus II (or PHY 2049 and PHY2049L) Credit Hours: 4

Grand Total Credits: **23**

Degree Requirements

Core Requirements: Basic Level

8 Total Credits

- Complete all of the following
 - The College of Engineering & Computer Science requires all engineering students to achieve a minimum 2.25 GPA in completing these courses, together with the core requirements, restricted electives, and senior design courses listed below.
 - All students must earn a grade of "C" (2.0) or better in Core Requirements: Basic Level.
 - Required Courses:
 - Complete all of the following
 - Earn at least 8 credits from the following:
 - CHM2210 - Organic Chemistry I (3)
 - EGN1007C - Engineering Concepts and Methods (1)
 - EGN3211 - Engineering Analysis and Computation (3)
 - EGS1006C - Introduction to the Engineering Profession (1)
 - STA3032 - Probability and Statistics for Engineers (3)
 - GEP Course: STA 3032

Core Requirements: Advanced Level

47 Total Credits

- All students must earn a grade of "C" (2.0) or better in Core Requirements: Advanced Level.

Engineering Requirements

6 Total Credits

- Complete the following:
 - EGN3365 - Structure and Properties of Materials (3)
 - EGN3373 - Principles of Electrical Engineering (3)

Materials Science and Engineering Requirements

41 Total Credits

- Complete all of the following
 - Complete the following:
 - EMA3000 - Engineering Polymeric Materials (3)
 - EMA3012C - Experimental Techniques in Materials I (3)
 - EMA3124 - Design and Selection of Materials (3)
 - EMA4513 - Structures of Materials (3)
 - EMA3102 - Thermodynamics of Materials (3)

- EMA4125 - Phase Transformations and Microstructural Development in Materials (3)
- EMA4307 - Kinetics of Materials (3)
- EMA4223 - Fundamentals of Mechanical Behavior of Materials (3)
- EMA4413 - Fundamentals of Electronic Materials (3)
- EMA4013C - Experimental Techniques in Materials II (3)
- EMA4009 - Materials in Society (2)
- EMA4115 - Transport Phenomena in Materials (3)
- EMA4602C - Materials Processing Laboratory (3)
- Complete at least 1 of the following:
 - CHM2211 - Organic Chemistry II (3)
 - PHY3101 - General Physics Using Calculus III (3)
 - EGN3310 - Engineering Analysis-Statics (3)

Restricted Electives 6 Total Credits

- Complete all of the following
 - Earn at least 6 credits from the following types of courses:
Technical electives are available in the BSMSE program to address specific student interests in a variety of technical areas. Students should consult with their Department for a list of approved restricted technical electives and the terms when specific courses of this type are offered.
 - All students must earn a grade of "C" (2.0) or Better in Restricted Electives.

Capstone Requirements 6 Total Credits

- Complete all of the following
 - All students must earn a grade of "C" (2.0) or Better in Capstone Requirements.
 - These courses are a capstone experience to your engineering program and should be completed in your last 2 major semesters of study.
 - CECS encourages all engineering students to take the Fundamentals Exam during their senior year.
 - Complete the following:
 - EMA4915 - Materials Senior Design I (3)
 - EMA4916 - Materials Senior Design II (3)

Grand Total Credits: **67**

Program Details

Foreign Language Requirements

Admissions

Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

None

Electives

None

Additional Requirements

None

Required Minors

None

Departmental Exit Requirements

None

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required

128

Honors in Major

None

Related Programs

- Mechanical Engineering
- Physics
- Chemistry

Related Minors

- Bioengineering Minor
- Mathematics Minor
- Chemistry Minor
- Physics Minor

Career and Academic Advising

- The department requires all students in the program meet with a faculty member for advising on career and academic issues.
- Students are assumed to have prior knowledge of a higher-level programming language.
- This Materials Science and Engineering program has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit <https://apq.ucf.edu/files/Licensure-Disclosure-CECS-Materials-Science-Engineering-BS.pdf>

Transfer Notes

- EGS 1006C and EGN 1007C are required courses for incoming freshmen only. The two credit hours for these courses will be substituted by an approved Materials Science and Engineering technical elective for transfer students.
- Courses transferred must be formally evaluated for equivalency credit. The student must provide all supporting information with his/her petition for this evaluation.

Acceptable Substitutes for Transfer Courses

None

Program Academic Learning Compacts

Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oemas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$45 per term
- Full-Time Student: \$90 per term

Plan of Study (128 Hours)

The tentative course schedule listed below is a guide for those students who plan on completing their degree in four years. All engineering students should meet with their departmental academic advisor to develop and maintain an appropriate plan of study.

Freshman Year - Fall (12 Credit Hours)

- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**
- ENC 1101 - Composition I **Credit Hours: 3**
- EGS 1006C - Introduction to the Engineering Profession **Credit Hours: 1**

Freshman Year - Spring (16 hours)

- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**
- ENC 1102 - Composition II **Credit Hours: 3**
- PHY 2048C - General Physics Using Calculus I (or PHY2048 and PHY2048L) **Credit Hours: 4**
- EGN 1007C - Engineering Concepts and Methods **Credit Hours: 1**

Freshman Year - Summer (10 hours)

- MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4**
- SPC 1603C - Fundamentals of Technical Presentations **Credit Hours: 3**
- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3**

Sophomore Year - Fall (13 hours)

- CHM 2210 - Organic Chemistry I **Credit Hours: 3**
- PHY 2049C - General Physics Using Calculus II (or PHY2049 and PHY2049L) **Credit Hours: 4**
- EGN 3365 - Structure and Properties of Materials **Credit Hours: 3**
- EGN 3211 - Engineering Analysis and Computation **Credit Hours: 3**

Sophomore Year - Spring (15 hours)

- MAP 2302 - Ordinary Differential Equations I **Credit Hours: 3**
- EMA 3012C - Experimental Techniques in Materials I **Credit Hours: 3**
- EMA 3102 - Thermodynamics of Materials **Credit Hours: 3**
- EMA 3124 - Design and Selection of Materials **Credit Hours: 3**
- EGN 3373 - Principles of Electrical Engineering **Credit Hours: 3**

Sophomore Year - Summer (9 hours)

- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3**
- Social Foundation **Credit Hours: 3**
- Cultural/Historical Foundation **Credit Hours: 3**

Junior Year - Fall (12 hours)

-
- EMA 3000 - Engineering Polymeric Materials **Credit Hours: 3**
 - EMA 4223 - Fundamentals of Mechanical Behavior of Materials **Credit Hours: 3**
 - EMA 4307 - Kinetics of Materials **Credit Hours: 3**
 - EMA 4513 - Structures of Materials **Credit Hours: 3**

Junior Year - Spring (12 hours)

- EMA 4115 - Transport Phenomena in Materials **Credit Hours: 3**
- EMA 4125 - Phase Transformations and Microstructural Development in Materials **Credit Hours: 3**
- EMA 4013C - Experimental Techniques in Materials II **Credit Hours: 3**

Select 1 of 3 Option

Select one course **Credit Hours: 3**

- CHM 2211 - Organic Chemistry II **Credit Hours: 3**
- PHY 3101 - General Physics Using Calculus III **Credit Hours: 3**
- EGN 3310 - Engineering Analysis-Statics **Credit Hours: 3**

Senior Year - Fall (15 hours)

- EMA 4915 - Materials Senior Design I **Credit Hours: 3**
- EMA 4413 - Fundamentals of Electronic Materials **Credit Hours: 3**

Technical Elective **Credit Hours: 3**

Technical Elective **Credit Hours: 3**

- EMA 4602C - Materials Processing Laboratory **Credit Hours: 3**

Senior Year - Spring (14 hours)

- EMA 4916 - Materials Senior Design II **Credit Hours: 3**
- EMA 4009 - Materials in Society **Credit Hours: 2**

Historical Foundation **Credit Hours: 3**

Cultural Foundation **Credit Hours: 3**

Science Foundation Group 2 **Credit Hours: 3**

Materials Science and Engineering Minor

College

College of Engineering and Computer Science

Department

Department of Materials Science and Engineering

Program Type

Minor

Program Contact Information

College of Engineering & Computer Science
Department of Materials Science & Engineering
Engineering I (ENG 1), 207
407-823-0607
MSEInquiry@ucf.edu

Associate Professor: Dr. Parag Banerjee

Parag.Banerjee@ucf.edu

Program Description

The field of "materials" encompasses concepts in many diverse fields ranging from chemistry, physics, and optics to mechanical, electrical, and chemical engineering. Rapid advances in technology have dramatically increased the importance of materials science and engineering to society. Materials Science and Engineering (MSE) is the study of the structure/processing/properties relationships of engineering materials. Modern MSE encompasses a broad range of materials, from traditional metallurgy to biological materials, polymers, ceramics, semiconductors, composites, and optical and magnetic materials, as well as numerous nanotechnology materials. The study of materials science allows students considerable freedom to the depth of their understanding of such materials while being simultaneously engaged in real world research. Participants in this minor will be able to improve their understanding, awareness and job skills in material selection and application to have additional opportunities and advantages to pursue a career in Engineering. Students taking graduate level EMA courses as Restricted Electives can use them for the Accelerated BS-to-MS program in Materials Science and Engineering.

Admission Requirements

- A minimum UCF GPA of 2.5 is required for acceptance into this minor.

Minor Requirements

- None

Prerequisite Courses

- None

Other Requirements

- Not open to Materials Science and Engineering Majors

Degree Requirements

Required Courses

9 Total Credits

- Complete all of the following
 - Complete the following:
 - EMA3012C - Experimental Techniques in Materials I (3)
 - EMA3124 - Design and Selection of Materials (3)
 - Complete at least 1 of the following:
 - EGN3365 - Structure and Properties of Materials (3)
 - EMA3706 - Structure and Properties of Aerospace Materials (3)

Restricted Electives

9 - 11 Total Credits

- Complete all of the following

Properties of Materials

- Complete all of the following
 - Complete at least 1 of the following:
 - BME3211 - Engineering Biomechanics (3)
 - EGN3331C - Mechanics of Materials (3)
 - EMA4223 - Fundamentals of Mechanical Behavior of Materials (3)
 - EMA4413 - Fundamentals of Electronic Materials (3)
 - OSE3052 - Foundations of Photonics (3)
 - OSE4520 - Laser Engineering (3)
 - PHY4445 - Lasers (3)
 - PHZ3422 - Nanophysics (3)
 - PHZ4404 - Solid State Physics (3)
 - EMA 5104 - Intermediate Structures and Properties of Materials
 - EMA 5415 - Electronic Principles of Materials Properties

Applications of Materials

- Complete all of the following
 - Complete at least 1 of the following:
 - BSC4434 - Biomedical Informatics: Sequence Analysis (3)
 - BSC4439 - Biomedical Informatics: Structure Analysis (3)
 - CHM4230 - Applied Molecular Spectroscopy (3)
 - CHM4427 - Electrochemistry (3)
 - EMA3691 - Nanomaterials Process Engineering (3)
 - EMA4503 - Materials Characterization Techniques (3)
 - EMA4513 - Structures of Materials (3)
 - MCB4721C - Methods in Biotechnology (4)
 - PCB4135 - Applied Molecular Cell Biology (3)
 - CHM 5451 - Techniques in Polymer Science
 - CHM 5715C - Optical Materials Processing and Characterization Techniques
 - EMA 5585 - Materials Science of Thin Films
 - EMA 5610 - Laser Materials Processing

Materials Processing, Testing and Characterization

- Complete all of the following
 - Complete at least 1 of the following:
 - BCH4024 - Medical Biochemistry (4)
 - BSC3424 - Nanobiotechnology (3)
 - CGN3501C - Civil Engineering Materials (3)
 - EEE3350 - Semiconductor Devices (3)
 - EEE4463 - MEMS Devices and Applications (3)
 - EMA4506 - Emerging Materials (3)
 - ENV4120 - Air Pollution and Hazardous Waste Control (3)
 - MCB3316H - Honors Biotechnology and Genetic Engineering Seminar (3)
 - MCB4312 - Molecular Biotechnology (3)
 - OSE4410 - Optoelectronics (3)
 - OSE4721 - Biophotonics (3)
 - PCB4521 - Tissue Engineering (3)
 - PUP3204 - Sustainability (3)
 - EMA 5060 - Polymer Science and Engineering
 - EMA 5140 - Introduction to Ceramic Materials
 - EMA 5584 - Biomaterials
 - EMA 5586 - Photovoltaic Solar Energy Materials
 - EMA 5705 - High Temperature Materials
 - OSE 5313 - Materials for Optical Systems
 - OSE 5414 - Fundamentals of Optoelectronic Devices

Grand Total Credits: **18 - 20**

Program Details

Foreign Language Requirements

- None

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Total Undergraduate Credit Hours Required: 18

Other Requirements

- A minimum grade of "C" (2.0) or better in each course required for the minor.
- A Bachelors degree must be completed at the time minor is awarded.
- At least 12 hours of courses with EGN and/or EMA prefixes must be used toward the minor requirements.
- Internship or Independent Study credit cannot be used toward the minor.
- Students majoring in Materials Science and Engineering are not eligible to earn the Materials Minor.

Mechanical Engineering (B.S.M.E.)

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

Program Type

Major

Program Contact Information

**College of Engineering & Computer Science
Mechanical and Aerospace Engineering Department
Engineering Building I (ENG1) 381
407-823-2416
MAEadvising@ucf.edu**

Associate Chair: Dr. Hyoung Jin "Joe" Cho
407-823-5448
hjcho@ucf.edu

Program Manager, Academic Programs: Lynn Grabenhorst
407-823-5448
Lynn.Grabenhorst@ucf.edu

Program Description

Admission Requirements

- Students wanting to declare a major in an engineering discipline must be in good academic standing and must have a "C" (2.0) or better in each of the following courses or their equivalents: MAC 2311C, MAC 2312, PHY 2048C, and CHM 2045C or CHS 1440.
- Students wanting to declare a major in an engineering discipline must complete a change of major in the term of completion of the final pending prerequisite course(s) listed above.

Degree Requirements

- The Mechanical and Aerospace Engineering Department requires all students in the Mechanical Engineering Major to earn a "C" (2.0) or Better in the following sections: Common Program Pre-requisites (CPP), Core Requirements Basic Level, Core Requirements - Advanced Level, Restricted / Approved Technical Electives, and Capstone Requirement
- Students in the Mechanical Engineering major are expected to make consistent good progress toward their degrees to remain enrolled in, or eligible for, any major in the College of Engineering & Computer Science (CECS) or the College of Optics and Photonics (COP). Therefore, any student majoring in Mechanical Engineering who repeats any UCF course and does not earn a grade of "C" (2.0) or better on the second attempt will be placed on Lack of Progress Probation and remain on Lack of Progress Probation as long as the student is enrolled in a CECS or COP major. If a student on Lack of Progress Probation does not receive a grade of "C" (2.0) or better by the third attempt in the same UCF course, the student will be excluded from all CECS and COP majors. Any student majoring in Mechanical Engineering who has accumulated 7 or more unsuccessful attempts (i.e., grades below "C" (2.0) and withdrawals) over all courses taken at UCF will be placed on Lack of Progress Probation and remain on Lack of Progress Probation as long as the student is enrolled in a CECS or COP major. If a student on Lack of Progress Probation has a tenth unsuccessful attempt over all courses taken at UCF, the student will be excluded from all CECS and COP majors.
- A student who is excluded from CECS and COP majors may seek readmission to a major in CECS or COP after at least one full year has passed since exclusion. Readmission is not automatic and is dependent upon a high probability of success after readmission. Any student who is readmitted to the Mechanical Engineering major will be subject to all probation conditions that applied at the time of exclusion.

General Education (GEP)

- Complete all of the following
 - The UCF General Education Program (GEP) is described in the General Education Program section, located elsewhere in this catalog. Engineering students should closely study the requirements of the UCF GEP and the allowable substitutions detailed in Communication Foundations through Science Foundations below to minimize excess hours. Students transferring to UCF from within the Florida College System or State University System should complete the GEP and the Common Program Prerequisites before transferring.
 - Communication Foundations
 - Complete all of the following
 - Required:
 - Complete the following:
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 of the following:
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Preferred: SPC 1603C
 - Suggested: SPC 1608
 - Cultural & Historical Foundations
 - Complete all of the following
 - Earn at least 6 credits from the following types of courses:
 - Historical Foundations
 - Earn at least 3 credits from the following types of courses:
 - Cultural Foundations
 - Mathematical Foundations
 - Complete all of the following
 - Required:
 - Complete the following:

- MAC2311C - Calculus with Analytic Geometry I (4)
- STA3032 - Probability and Statistics for Engineers (3)

Social Foundations

- Complete all of the following
 - Earn at least 3 credits from the following course sets:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
 - Select One:
 - Complete 1 of the following
 - Complete the following:
 - ECO2013 - Principles of Macroeconomics (3)
 - Or
 - Preferred:
 - Complete the following:
 - ECO2023 - Principles of Microeconomics (3)
 - And
 - Earn at least 3 credits from the following course sets:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundations

- Complete all of the following
 - Earn at least 4 credits from the following course sets:
 - PHY 2048C
 - PHY2048C - General Physics Using Calculus I Studio (4)
 - Earn at least 3 credits from the following course sets:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)

- MET2104 - The Earth's Climate (3)

Grand Total Credits: **38**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - These courses are specifically required for all engineering students of the Florida State University System. CPP courses are also available at other Florida post-secondary schools and may be transferred directly to UCF programs. All students must earn a grade of "C" (2.0) or better in Common Program Pre-Requisites.
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information.
 - Earn at least 15 credits from the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - MAC2313 - Calculus with Analytic Geometry III (4)
 - MAP2302 - Ordinary Differential Equations I (3)
 - PHY 2048C- General Physics Using Calculus I (or PHY2048 and PHY2048L) Credit Hours: 4
 - PHY 2049C: General Physics Using Calculus II (or PHY2049 and PHY2049L)
 - Complete at least 1 of the following:
 - CHS1440 - Principles of Chemistry (4)
 - CHM2045C - Chemistry Fundamentals I (4)
 - GEP Courses: MAC 2311C, PHY 2048C/PHY 2048 & PHY 2048L

Grand Total Credits: **19**

Degree Requirements

Core Requirements: Basic Level

2 Total Credits

- Complete all of the following
 - The College of Engineering & Computer Science requires all engineering students to achieve a minimum 2.25 GPA in completing these courses, together with the core requirements, restricted electives, and senior design courses listed below.
 - All students must earn a grade of "C" (2.0) or better in Core Requirements: Basic Level.
 - Complete the following:
 - EGS1006C - Introduction to the Engineering Profession (1)
 - EGN1007C - Engineering Concepts and Methods (1)

Core Requirements: Advanced Level

48 Total Credits

- Complete all of the following
 - All students must earn a grade of "C" (2.0) or better in Core Requirements: Advanced Level.
 - Earn at least 39 credits from the following:
 - STA3032 - Probability and Statistics for Engineers (3)
 - COP3223C - Introduction to Programming with C (3)
 - EGN3310 - Engineering Analysis-Statics (3)
 - EGN3321 - Engineering Analysis-Dynamics (3)
 - EGN3343 - Thermodynamics (3)
 - EGM3601 - Solid Mechanics (3)
 - EGN3365 - Structure and Properties of Materials (3)
 - EGN3373 - Principles of Electrical Engineering (3)
 - EML3034C - Modeling Methods in Mechanical and Aerospace Engineering (3)
 - EML3701 - Fluid Mechanics I (3)
 - EML3303C - Mechanical Engineering Measurements (3)
 - EML3500 - Design and Analysis of Machine Components (3)
 - EML4142 - Heat Transfer (3)
 - EML4225 - Introduction to Vibrations and Controls (3)
 - GEP Course: STA 3032
 - Complete at least 2 of the following:
 - EML3101 - Thermodynamics of Mechanical Systems (3)

- EML4143 - Heat Transfer II (3)
- EML4313 - Intermediate System Dynamics and Controls (3)
- EML4703 - Fluid Mechanics II (3)
- EML4504 - Design & Analysis of Machine Components II (3)
- Complete at least 1 of the following:
 - EML4301C - Mechanical Systems Laboratory (3)
 - EML4306C - Energy Systems Laboratory (3)

Restricted Electives

15 Total Credits

- Complete all of the following
 - Earn at least 15 credits from the following types of courses:
Technical electives are available in the BSME program to address specific student interests in a variety of technical areas. Students can obtain the updated list of the approved technical electives from the Department website (<http://mae.ucf.edu/advising/undergraduate-forms/>).
 - All students must earn a grade of "C" (2.0) or Better in Restricted Electives.

Capstone Requirements

6 Total Credits

- Complete all of the following
 - All students must earn a grade of "C" (2.0) or Better in Capstone Requirements.
 - These courses provide capstone design experiences and must be completed in the last 2 major semesters of study before graduation.
 - CECS encourages all engineering students to take the Fundamentals Exam during their senior year.
 - Complete the following:
 - EML4501C - Engineering Design I (3)
 - EML4502C - Engineering Design II (3)

Grand Total Credits: **71**

Program Details

Electives

- None

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- A minimum of a 2.25 GPA in major courses is required for graduation.
- A grade of "C" (2.0) or better is required in all major courses.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 128

Career and Academic Advising

The department requires all students in the program meet with a faculty member for advising on career and academic issues. These courses must be taken in sequence during the 3rd and 4th year.

- EML 3933 - Mechanical Career and Academic Faculty Advising I **Credit Hours: 0**
- EML 4931 - Mechanical Career and Academic Faculty Advising II **Credit Hours: 0**

Additional Information

Honors In Major

- None

Related Programs

- Aerospace Engineering (B.S.A.E.)

Certificates

- Engineering Leadership Certificate

Related Minors

- Intelligent Robotic Systems (IRS), Interdisciplinary Minor
- Engineering Leadership Minor

Advising Notes

- Double Degree/Double Major requirements listed under the college section of the catalog.
- This Mechanical Engineering program has potential ties to professional licensure or certification in the

field. For more information on how this program may prepare you in that regard, please visit <https://apq.ucf.edu/files/Licensure-Disclosure-CECS-Mechanical-Engineering-BS.pdf>

Transfer Notes

- EGS 1006C and EGN 1007C are required courses for incoming freshmen only. The two credit hours for these courses will be substituted by an approved Mechanical Engineering technical elective for transfer students.
- Courses transferred must be formally evaluated for equivalency credit. The student must provide all supporting information with his/her petition for this evaluation.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$45 per term
- Full-Time Student: \$90 per term

Plan of Study (128 Credit Hours)

- Tentative Course Schedule for Entering Freshmen: The tentative course schedule listed below is a guide for those students who plan on completing their degree in four years. All engineering students should meet with their Department to develop and maintain an appropriate plan of study.

Freshman Year - Fall (12 Credit Hours)

- EGS 1006C - Introduction to the Engineering Profession **Credit Hours: 1**
- ENC 1101 - Composition I **Credit Hours: 3**
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**

Select One: (4 Credit Hours)

- CHS 1440 - Principles of Chemistry **Credit Hours: 4**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**

Freshman Year - Spring (15 Credit Hours)

- EGN 1007C - Engineering Concepts and Methods **Credit Hours: 1**
- ENC 1102 - Composition II **Credit Hours: 3**
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**
- PHY 2048C - General Physics Using Calculus I (or PHY2048 and PHY2048L) **Credit Hours: 4**
- GEP Select One **Credit Hours: 3**

Select One: (3 Credit Hours)

- SPC 1603C - Fundamentals of Technical Presentations **Credit Hours: 3**
- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**

Freshman Year - Summer (10 Credit Hours)

- MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4**
- EGN 3310 - Engineering Analysis-Statics **Credit Hours: 3**
- COP 3223C - Introduction to Programming with C **Credit Hours: 3**

Sophomore Year - Fall (13 Credit Hours)

- EGN 3321 - Engineering Analysis-Dynamics **Credit Hours: 3**
- EGN 3365 - Structure and Properties of Materials **Credit Hours: 3**
- PHY 2049C: General Physics Using Calculus II (or PHY2049 and PHY2049L) **Credit Hours: 4**
- MAP 2302 - Ordinary Differential Equations I **Credit Hours: 3**

Sophomore Year - Spring (12 Credit Hours)

- EGN 3373 - Principles of Electrical Engineering **Credit Hours: 3**
- EGN 3343 - Thermodynamics **Credit Hours: 3**
- EGM 3601 - Solid Mechanics **Credit Hours: 3**
- GEP **Credit Hours: 3**

Sophomore Year - Summer (9 Credit Hours)

- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3**
- GEP **Credit Hours: 3**
- GEP **Credit Hours: 3**

Junior Year - Fall (15 Credit Hours)

- EML 3034C - Modeling Methods in Mechanical and Aerospace Engineering **Credit Hours: 3**
- EML 3701 - Fluid Mechanics I **Credit Hours: 3**
- EML 3933 - Mechanical Career and Academic Faculty Advising I **Credit Hours: 0**
- EML 3303C - Mechanical Engineering Measurements **Credit Hours: 3**
- EML 3500 - Design and Analysis of Machine Components **Credit Hours: 3**
- GEP **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- EML 4142 - Heat Transfer **Credit Hours: 3**
- EML 4225 - Introduction to Vibrations and Controls **Credit Hours: 3**

- Approved Technical Elective **Credit Hours: 3**
- Approved Technical Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

Senior Year - Fall (15 Credit Hours)

- EML 4501C - Engineering Design I **Credit Hours: 3**
- EML 4931 - Mechanical Career and Academic Faculty Advising II **Credit Hours: 0**
- Approved Technical Elective **Credit Hours: 3**
- Approved Technical Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

Option Courses (Select 1) **(3 Credit Hours)**

These courses offered Fall Only

- EML 4143 - Heat Transfer II **Credit Hours: 3**
- EML 4313 - Intermediate System Dynamics and Controls **Credit Hours: 3**
- EML 4703 - Fluid Mechanics II **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- EML 4502C - Engineering Design II **Credit Hours: 3**
- Approved Technical Elective **Credit Hours: 3**

Select one:

- EML 4301C - Mechanical Systems Laboratory **Credit Hours: 3**
- EML 4306C - Energy Systems Laboratory **Credit Hours: 3**

Option Courses (Select 1) **(3 Credit Hours)**

These courses offered Spring Only

- EML 3101 - Thermodynamics of Mechanical Systems **Credit Hours: 3**
- EML 4504 - Design & Analysis of Machine Components II **Credit Hours: 3**

Mechanical Engineering (B.S.M.E. / M.S.M.E., M.S.M.S.E., M.S.A.E. or M.S.BM.E)

College

College of Engineering and Computer Science

Department

Department of Mechanical and Aerospace Engineering

Program Type

Accelerated Undergraduate Graduate Program

Program Contact Information

**College of Engineering and Computer Science:
Department of Mechanical and Aerospace Engineering
Engineering Building I (ENG1) 381**

407-823-2416
MAEadvising@ucf.edu

Graduate Program Coordinator: Dr. Jihua "Jan" Gou
407-823-5448
jihua.gou@ucf.edu

Academic Advising Coordinator: Gabriela Laboy
407-823-5448
Gabriela.Laboy@ucf.edu

Program Description

Admission Requirements

- See Common Program Prerequisites.
- Qualified students may apply after completion of a minimum of 64 credit hours.
- Completion of no more than 96 credit hours.
- Admission to the Accelerated Program does not guarantee formal admission to the MSME, MSMSE, MSAE or MSBME program.
- Admission is not automatic. Interested students may need to be interviewed.

Degree Requirements

- The Mechanical and Aerospace Engineering Department requires all students in the Mechanical Engineering Major to earn a "C" (2.0) or Better in the following sections: Section 2: Common Program Prerequisites (CPP), Section 3: Core Requirements - Basic Level, Section 4: Core Requirements - Advanced Level, Section 5: Restricted / Approved Technical Electives, and Section 6: Capstone Requirement.

General Education (GEP)

0 Total Credits

- See Mechanical Engineering (B.S.M.E.) in the Catalog for track specific GEP requirements

Communication Foundations

9 Total Credits

- Earn at least 9 credits from the following types of courses:
Communication Foundations

Cultural & Historical Foundations

9 Total Credits

- Earn at least 9 credits from the following types of courses:
Cultural & Historical Foundations

Mathematical Foundations

7 Total Credits

- Earn at least 7 credits from the following types of courses:
Mathematical Foundations

Social Foundations

6 Total Credits

- Earn at least 6 credits from the following types of courses:
Social Foundations

Science Foundations

7 Total Credits

- Earn at least 7 credits from the following types of courses:
Science Foundations

Grand Total Credits: **38**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - Earn at least 19 credits from the following types of courses:
See " Common Prerequisites " in the Transfer and Transitions Services section for more information
 - See Mechanical Engineering (B.S.M.E.) in the Catalog for CPP requirements

Grand Total Credits: **19**

Degree Requirements

Core Requirements: Basic Level

2 Total Credits

- Complete the following:
 - EGS1006C - Introduction to the Engineering Profession (1)
 - EGN1007C - Engineering Concepts and Methods (1)

Core Requirements: Advanced Level

48 Total Credits

- Complete all of the following
 - Earn at least 39 credits from the following:
 - EGN3310 - Engineering Analysis-Statics (3)
 - COP3223C - Introduction to Programming with C (3)
 - EGN3343 - Thermodynamics (3)
 - EGN3365 - Structure and Properties of Materials (3)
 - EGN3373 - Principles of Electrical Engineering (3)
 - STA3032 - Probability and Statistics for Engineers (3)

- EML3034C - Modeling Methods in Mechanical and Aerospace Engineering (3)
- EML3303C - Mechanical Engineering Measurements (3)
- EGM3601 - Solid Mechanics (3)
- EML3701 - Fluid Mechanics I (3)
- EML4142 - Heat Transfer (3)
- EGN3321 - Engineering Analysis-Dynamics (3)
- EML4225 - Introduction to Vibrations and Controls (3)
- EML3500 - Design and Analysis of Machine Components (3)

Select Two of the Following

- Complete at least 2 of the following:
 - EML3101 - Thermodynamics of Mechanical Systems (3)
 - EML4143 - Heat Transfer II (3)
 - EML4313 - Intermediate System Dynamics and Controls (3)
 - EML4703 - Fluid Mechanics II (3)
 - EML4504 - Design & Analysis of Machine Components II (3)

Select One of the Following

- Complete at least 1 of the following:
 - EML4301C - Mechanical Systems Laboratory (3)
 - EML4306C - Energy Systems Laboratory (3)

Restricted Electives

15 Total Credits

Approved Electives

- Earn at least 15 credits from the following types of courses:
Technical electives should be taken at the 5000 level and are available in the BSME program to address specific student interests in a variety of technical areas. Restricted electives are intended to ensure that all students have a significant design experience in both mechanical and thermofluids systems. Students should consult with their Department for a list of the approved restricted and technical electives and the terms when specific courses of this type are to be offered

Capstone Requirements

6 Total Credits

- Complete all of the following
 - These courses are a capstone experience to your engineering program and should be completed in your last 2 major semesters of study.
 - CECS encourages all engineering students to take the Fundamentals Exam during their senior year.
 - Complete the following:
 - EML4501C - Engineering Design I (3)
 - EML4502C - Engineering Design II (3)

Grand Total Credits: **71**

Program Details

Electives

- None

Foreign Language Requirements Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent
- proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- A minimum of a 2.25 GPA in major courses is required for graduation.
- A grade of "C" (2.0) or better is required in all major courses.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 48 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 128 Total Combined Credit Hours Required: 146 **Career and Academic Advising**

The department requires all students in the program meet with a faculty member for advising on career and academic issues.

These courses must be taken in sequence during the 3rd and 4th year.

- EML 3933 - Mechanical Career and Academic Faculty Advising I Credit Hours: 0
- EML 4931 - Mechanical Career and Academic Faculty Advising II Credit Hours: 0

Additional Information Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- The following will be waived for this joint degree program:
- The limit of nine hours to be shared between undergraduate and graduate programs.
- Undergraduate students taking graduate courses must be within nine hours of graduation
- Undergraduate students taking graduate courses must not register for more than a total of twelve hours in that semester
- Undergraduate students are not eligible to take 6000-level courses.
- This Mechanical Engineering program has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit <https://apq.ucf.edu/files/Licensure-Disclosure-CECS-Mechanical-Engineering-BS-June2020.pdf>

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Shared Courses

Shared B.S.M.E./M.S.M.E., M.S.M.S.E., or M.S.A.E. Students can earn up to a maximum of 12 credit hours of approved 5000 and 6000 level courses with grades of "B" (3.0) or better may be counted towards the B.S. and Masters degrees. These 12 credit hours will meet technical elective requirements for the major. Contact the Graduate Coordinator in the Mechanical and Aerospace Engineering department for a list of acceptable courses.

Graduate Courses Link

- <http://www.graduatecatalog.ucf.edu/content/Courses.aspx>

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$45 per term
- Full-Time Student: \$90 per term

Military Science Minor

College

College of Engineering and Computer Science

Program Type

Minor

Program Contact Information

**College of Engineering & Computer Science
UCF Army ROTC
Classroom Building II (CB2), 321**

Professor of Military Science, Infantry & MSIV Instructor: LTC Christopher DeRuyter
407-823-1872

Recruiting Officer: James Daley
407-823-2649

Program Description

Minor Admission Requirements

- Interview with Recruiting Officer and Department Chair/Professor of Military Science to determine eligibility to meet requirements to contract and commission as an officer in the US Army.

Minor Requirements

- Eligibility for this minor is restricted to those students who meet the requirements to contract and commission as officers in the US Army. Students desiring to enroll in the advanced Military Science courses must be willing to pursue a commission as a Second Lieutenant and must meet prerequisite requirements to contract and must obtain permission from the Chair/Professor of Military Science through an interview process, prior to participating in the advanced courses.

Degree Requirements

Prerequisite Courses

8 Total Credits

No Rules

Military Science Prerequisites

8 Total Credits

- Complete the following:
 - MSL1001C - Foundations of Officership (2)
 - MSL1002C - Basic Leadership (2)
 - MSL2101C - Individual Leadership Studies (2)
 - MSL2102C - Leadership and Teamwork (2)

Required Courses

16 Total Credits

- Complete the following:
 - MSL3201C - Leadership and Problem Solving (4)
 - MSL3202C - Leadership and Ethics (4)
 - MSL4301C - Leadership and Management (4)
 - MSL4302C - Officership (4)

Restricted Electives

3 Total Credits

- Complete at least 1 of the following:
 - AMH3541 - U. S. Military History To 1900 (3)
 - AMH3547 - U.S. Military History Since 1900 (3)

Grand Total Credits: **27**

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 19

Other Requirements

- A minimum grade of "C" (2.0) is required in all courses used to satisfy the minor.
- At least 15 hours used in the minor must be earned at UCF within the department.
- Internship credit can be used toward the minor.

Secure Computing and Networks Minor

College

College of Engineering and Computer Science

Department

Department of Electrical and Computer Engineering

Program Type

Minor

Program Contact Information

College of Engineering & Computer Science
Electrical Engineering & Computer Science Department
Harris Corp. Engineering Center (HEC) 346
407-823-5373
CSundergrad@ucf.edu

Associate Lecturer: Dr. Mark Llewellyn
407-823-2790
Mark.Llewellyn@ucf.edu

Program Description

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Required Courses
12 Total Credits

- Complete the following:
 - CIS3360 - Security in Computing (3)
 - CIS3362 - Cryptography and Information Security (3)
 - CNT4403 - Network Security and Privacy (3)
 - CIS4361 - Secure Operating Systems and Administration (3)

Restricted Electives
6 Total Credits

- Complete all of the following
 - Complete at least 1 of the following:
 - CNT4703C - Design and Implementation of Computer Communication Networks (3)
 - CNT4704 - Analysis of Computer Communication Networks (3)
 - EEL4781 - Computer Communication Networks (3)
 - Complete at least 1 of the following:
 - CIS4615 - Secure Software Development and Assurance (3)
 - CIS4940C - Topics in Cybersecurity (3)
 - EEE4346C - Hardware Security and Trusted Circuit Design (3)

Grand Total Credits: **18**

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

Other Requirements

- A minimum grade of "C" (2.0) or better is required in each course used to satisfy the minor
- No credit by exam (TSD, Military credit) may be used
- Internship, Co-op, or Independent Study credit cannot be used toward the minor

College of Health Professions and Sciences

Aging Studies Certificate

College

College of Health Professions and Sciences

Department

School of Social Work

Program Type

Certificate

Program Contact Information

College of Health Professions and Sciences
School of Social Work
Health Sciences I (HS1), 248
407-823-2215

B.S.W. Program Director: Robin Kohn
robin.kohn@ucf.edu

Admission Requirements

None

Program Description

In recognition of the special needs of the older adults in Central Florida, the University offers a 15 - credit hour interdisciplinary program leading to a Certificate in Aging Studies. The certificate is open to all students in any major. This certificate prepares students for careers in applied gerontology, research, public service or for graduate training. Courses focus on the physiological, psychological, sociological, environmental, cultural, legal-ethical and public policy issues affecting older adults. Students majoring in health professions, biomedical sciences, criminal justice and legal studies, hospitality management, psychology, social work, nursing, sociology, business, exercise science, physical education, communication sciences and disorders or education find study of the aging process especially helpful.

Certificates will be awarded only at the time of degree completion.

Certificate Requirements

- A required 120 - hour internship, along with course options that include service-learning activities, complements the courses.
- Students select one of the internship courses listed below depending on their major. BSW majors must take the 9 credit hour field education course.

Degree Requirements

Required Courses

6 Total Credits

- Complete all of the following
 - Complete the following:
 - GEY3001 - Gerontology: An Interdisciplinary Overview (3)

Required Internship

- Complete all of the following
 - Earn at least 3 credits from the following:
 - HSA4850 - Health Services Administration Internship (1 - 99)
 - IDS4947 - Internship (99)
 - PSY3951 - Undergraduate Field Work (1 - 99)
 - SOW4510 - Field Education (9)
 - SOW4941 - Internship (1 - 99)
 - Full-time social work majors ONLY, SOW 4510 cannot be used with SOW 4941. For part-time social work majors, SOW 4941 cannot be used with SOW 4510.

Restricted Electives

9 Total Credits

- Complete at least 3 of the following:
 - SOW4645 - Social Services for the Elderly (3)
 - SOW3740 - Social Work Practice with Loss & Life's Transitions (3)
 - HSA4220 - Long Term Patient Management (3)
 - HSA3222 - Long Term Care and Administration (3)
 - HSC4564 - Health Care Needs of the Elderly (3)
 - PLA4530 - Legal Issues of the Elderly (3)
 - NUR4286 - Gerontologic Nursing (3)
 - DEP3464 - Psychology of Aging (3)
 - SYP4730 - Aging in Society (3)
 - SYP4732 - Minority Aging (3)
 - HFT3005 - Introduction to Hospitality and Senior Living Industries (3)

Grand Total Credits: 15

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 15

Other Requirements

- A minimum grade of "C" (2.0) required in each course used to satisfy the certificate
- At least 12 hours used in the certificate must be earned at UCF within the department
- No credit by exam (TSD, Military credit) may be used.
- Independent Study cannot be used toward the certificate

Aging Studies Minor

College

College of Health Professions and Sciences

Department

School of Social Work

Program Type

Minor

Program Contact Information

College of Health Professions and Sciences
School of Social Work
Health Sciences I (HS1), 248
407-823-2215

B.S.W. Program Director: Robin Kohn
robin.kohn@ucf.edu

Admission Requirements

None

Program Description

In recognition of the special needs of older adults in Central Florida, the University offers an 18-credit hour interdisciplinary program leading to a Minor in Aging Studies. The minor is open to all students in any major. This minor prepares students for careers in applied gerontology, research, public service or for graduate training. Courses focus on the physiological, psychological, sociological, environmental, cultural, legal-ethical and public policy issues affecting older adults. Students majoring in health professions, biomedical sciences, criminal justice and legal studies, hospitality management, psychology, social work, nursing, sociology, business, exercise science, physical education, communication sciences and disorders or education find study of the aging process especially helpful.

Minor Requirements

- A required 120-hour internship, along with course options that include service-learning activities, complements the courses.
- Students select one of the internship courses listed below depending on their major. BSW majors must take the 9 credit hour field education course.

Degree Requirements

Required Courses

6 Total Credits

- Complete all of the following
 - Complete the following:
 - GEY3001 - Gerontology: An Interdisciplinary Overview (3)
 - Complete all of the following
 - Earn at least 3 credits from the following:
 - HSA4850 - Health Services Administration Internship (1 - 99)
 - IDS4947 - Internship (99)
 - PSY3951 - Undergraduate Field Work (1 - 99)
 - SOW4510 - Field Education (9)
 - SOW4941 - Internship (1 - 99)
 - Full-time social work majors ONLY, SOW 4510 cannot be used with SOW 4941. For part-time social work majors, SOW 4941 cannot be used with SOW 4510.

Restricted Electives

12 Total Credits

- Complete at least 4 of the following:
 - SOW4645 - Social Services for the Elderly (3)
 - SOW3740 - Social Work Practice with Loss & Life's Transitions (3)
 - HSA4184 - Organization & Management for Health Agencies II (3)
 - HSA3222 - Long Term Care and Administration (3)
 - HSC4564 - Health Care Needs of the Elderly (3)
 - PLA4530 - Legal Issues of the Elderly (3)
 - NUR4286 - Gerontologic Nursing (3)
 - DEP3464 - Psychology of Aging (3)
 - SYP4730 - Aging in Society (3)
 - SYP4732 - Minority Aging (3)
 - HFT3005 - Introduction to Hospitality and Senior Living Industries (3)

Grand Total Credits: **18**

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

Other Requirements

- A minimum grade of "C" (2.0) is required in each course used to satisfy the minor.
- At least 12 hours used in the minor must be earned at UCF within the program.
- No credit by exam (TSD, Military credit) may be used.
- Independent Study credit may not be used toward the minor.

Children's Services Certificate

College

College of Health Professions and Sciences

Department

School of Social Work

Program Type

Certificate

Program Contact Information

College of Health Professions and Sciences
School of Social Work
Health Sciences I (HS1), 204
407-823-2114
socialwk@ucf.edu

BSW Program Director: Robin Kohn
407-823-2967
robin.kohn@ucf.edu

Admission Requirements

- Must be a BSW major.

Program Description

This certificate is awarded only to students in the undergraduate social work program. The Children's Services Certificate is designed to help students learn about practice considerations in providing services to children and families. Students are prepared to identify a variety of problems such as child abuse, neglect, childhood trauma, and family dynamics essential for identifying service delivery to this population. The certificate includes both classroom academic work and a specialized field internship. This certificate assists in improving services to children and their families. Certificates will be awarded only at the time of degree completion.

Certificate Requirements

- Placement in an agency that serves children.
- Students need to discuss their interest in the certificate with the field office when BSW placements are being arranged.

Degree Requirements

Required Courses
18 Total Credits

- Complete all of the following
 - Complete the following:
 - SOW3352 - Practice II: Interpersonal Skills in Social Work (3)
 - SOW4654 - Children's Services (3)
 - SOW4650 - Child Abuse: Treatment and Prevention (3)
 - Complete all of the following
 - Earn at least 9 credits from the following:
 - SOW4510 - Field Education (9)
 - SOW4941 - Internship (1 - 99)
 - SOW 4510 for full-time students only; SOW 4941 for part-time students over two semesters

Grand Total Credits: **18**

Program Details

Restricted Electives

- None

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

Other Requirements

- None

Communication Sciences and Disorders (B.A./B.S. to M.A.) Accelerated Track

College

College of Health Professions and Sciences

Department

School of Communication Sciences and Disorders

Program Type

Accelerated UndergraduateGraduate Program

Program Contact Information

College of Health Professions and Sciences
School of Communication Sciences and Disorders
Health Sciences II (HS2), 101
407-823-4798
csdundergraduate@ucf.edu

Graduate Program Director: Dr. Jacqueline Towson

Admission Requirements

Applicants must submit a hard copy (paper) application for the bachelor's program directly to the School of Communication Sciences and Disorders. Please contact the school for the appropriate application form.

Applicants must meet the following minimum requirements:

- 3.7 GPA or higher in all CSD coursework (minimum of 15 hours must be completed prior to submitting application)
- Overall GPA of 3.5 or higher
- Nomination letter from one UCF CSD faculty member
- Preliminary background check
- One-page Letter of Intent describing interest in the field and career goals

Completion of graduate level courses does not guarantee admission to the master's degree program. Students in the accelerated program must apply for admission to the graduate program and are considered along with the entire applicant pool. To apply, an electronic application for admission to the graduate program must be submitted during the senior year of the bachelor's program. For complete information about applying to the Communication Sciences and Disorders MA program, please see the Graduate Catalog.

Program Description

The Accelerated B.A./B.S. to M.A. track in Communication Sciences and Disorders allows highly qualified University of Central Florida undergraduate majors in Communication Sciences and Disorders to begin taking graduate level courses that will count toward a master's degree while completing their baccalaureate degree program. Students apply for admission to the Accelerated Track either in the last semester of their sophomore year or the first semester of their junior year.

The application to participate as an undergraduate student will be reviewed by the Graduate Program Director and Undergraduate Program Director(s). If approved, students will be allowed to enroll in graduate classes that will be used to fulfill the undergraduate degree requirements during their senior year of enrollment in the undergraduate program.

General Education (GEP)

- Complete all of the following
 - Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)

- FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- GEP 6- Historical & Cultural Foundation - choose a course from GEP 4 or GEP 5.
- Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - Complete at least 1 of the following:
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - Complete all of the following
 - GEP 9- Social Foundation
 - Complete the following:
 - PSY2012 - General Psychology (3)
 - Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
 - Complete all of the following
 - GEP 11- Science Foundation

- Complete at least 1 of the following:
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
- GEP 12- Science Foundation
- Complete at least 1 of the following:
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - ANT2511 - The Human Species (3)

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

- CPP requires courses found in the GEP as follows: STA 2014 - Principles of Statistics or STA 2023 - Statistical Methods I PSY 2012 - General Psychology Any BSC course or ANT 2511 AND Any PHY or CHM

Grand Total Credits: **0**

Degree Requirements

Accelerated Track Core Requirements
42 Total Credits

- Complete the following:
 - DEP2004 - Developmental Psychology (3)
 - SPA3002 - Introduction to Communication Sciences and Disorders (3)
 - SPA3112C - Basic Phonetics (4)
 - LIN3713 - Language Science (3)
 - SPA3472 - Behavioral Methods in Communication Disorders (3)
 - SPA3101 - Physiological Bases of Speech (3)
 - SPA3104 - Neural Bases of Communication (3)
 - LIN3716 - Language Development (3)
 - LIN3716L - Language Development Lab (2)
 - SPA4032 - Audiology (3)
 - SPA3011 - Speech Science (3)
 - SPA3412 - Communication and Cognition: Brain Stories (3)
 - SPA4326 - Hearing Disorders Across the Lifespan (3)
 - SPA4478 - Multicultural Aspects of Communication Disorders & Differences (3)

Potential Shared Courses
0 Total Credits

- The following courses are potential shared courses at the graduate level up to 16 credit hours. SPA 6204 - Articulation/Phonological Dis (3) SPA 6410 - Aphasia and Related Disorders (3) SPA 6541 - Assessment of Language Disorders in Children and Adolescents (3) SPA 6542 - Intervention of Language Disorders in Children and Adolescents (3) SPA 6805 - Research in Communicative Disorders (3) SPA 6551 - Foundations of Clinical Practice: Level I (1)

Restricted Electives
9 Total Credits

- Earn at least 9 credits from the following types of courses:
Upper division courses, selected from the list provided by the School of CSD, are required. Consult with CSD advisor as needed.

Grand Total Credits: **51**

Program Details

B.A. and B.S. Option (6-8 Credit Hours):

- Students pursuing the B.A. degree can use ASL II to satisfy the foreign language requirement OR a restricted elective requirement, not both.
- Students pursuing the B.S. degree can use both ASL I and ASL II to satisfy the restricted elective requirement.

Capstone Requirements

- None

Electives

- To graduate with a B.A. or B.S. degree students must earn a total of 120 credit hours. Additional electives can be completed to satisfy this requirement. Select courses that are 2000-level or higher. A minor or certificate is encouraged. Consult advisor as needed.

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.
- Students taking American Sign Language (ASL) to satisfy B.A. foreign language requirement must complete two semesters of ASL classes.

Graduation

- Students taking American Sign Language (ASL) to satisfy B.A. foreign language requirement must complete two semesters of ASL classes.

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- A minimum grade of "B" in all graduate courses.
- A minimum overall GPA of 3.0 in the courses used to satisfy the major.
- A passing score on the Communication Sciences and Disorders Undergraduate Competency Examination.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- Interested students should contact the undergraduate program coordinator.

Related Programs

- Health Services Administration (B.S.)
- Psychology (B.S.)
- Social Work (B.S.W.)
- Early Childhood Education

Certificates

- Language Development and Disorders Certificate

Related Minors

- Exceptional Student Education Minor
- Early Childhood Development and Education Minor
- Aging Studies Minor
- Health Services Administration Minor
- Human Communication Minor
- English, Linguistics Minor
- Psychology Minor
- Communication Sciences and Disorders Minor

Advising Notes

- None

Transfer Notes

- "D" (1.0) grades are not accepted.
- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.
- Students may take STA 2014 or STA 2023 to fulfill the first part of the statistics requirement.

Acceptable Substitutes for Transfer Courses

- None

Graduate Courses Link

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$17.50 per term
- Full-Time Student: \$35 per term

Communication Sciences and Disorders (B.A. or B.S.)

College

College of Health Professions and Sciences

Department

School of Communication Sciences and Disorders

Program Type

Major

Program Contact Information

College of Health Professions and Sciences
School of Communication Sciences and Disorders
Health Sciences II (HS2), 101
407-823-4798
csdundergraduate@ucf.edu

Instructors & Program Coordinators: Therese Coleman & Punam Desormes

Admission Requirements

None

Program Description

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students should complete the General Education Program before transferring within the Florida College System or State University System.
- Students should consult with a program advisor.
- The courses designated in section 1 below may be taken at a Florida College System institution, and usually should be completed in the first 60 hours.
- Students must earn at least a "C-" (1.75) in each prerequisite course, core course, restricted elective, and B.A./B.S. elective.
- Communication Sciences and Disorders is an unrestricted major, however, negative criminal background checks may result in the inability to complete coursework in this major.

General Education (GEP)

- Complete all of the following
 - Communication
 - Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation

- ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- GEP 6- Historical & Cultural Foundation - choose one course from GEP 4 or GEP 5
- Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - GEP 8- Mathematical Foundation
 - Complete at least of the following:
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
- Complete all of the following
 - GEP 9- Social Foundation
 - Complete the following:
 - PSY2012 - General Psychology (3)
 - Complete at least 1 courses from the following:

- GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
- Complete all of the following
 - GEP 11- Science Foundation
 - Complete at least of the following:
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - GEP 12- Science Foundation
 - Complete at least 1 of the following:
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - Suggested Courses - ANT 2511 Human Species OR BSC 1005 Biological Principles

Grand Total Credits: **30 - 32**

Common Program Prerequisites (CPP) (If applicable)

- The CPP courses found in the GEP and are as follows: STA 2014 - Principles of Statistics OR STA 2023 - Statistical Methods I AND Any BSC course OR ANT 2511 Human Species AND PSY 2012 - General Psychology AND Any GEP Physics (PHY) OR GEP Chemistry (CHM)

Grand Total Credits: **0**

Degree Requirements

Statistics Requirement

3 - 4 Total Credits

- Complete at least 1 of the following:
 - SPA4803 - Research Methods in Communication Sciences and Disorders (3)
 - PSY3204C - Statistical Methods in Psychology (4)
 - STA4163H - Honors Statistical Methods II (3)
 - HSA4702 - Health Sciences Research Methods (3)

Core Requirements

51 Total Credits

- Complete the following:
 - DEP2004 - Developmental Psychology (3)
 - SPA3002 - Introduction to Communication Sciences and Disorders (3)
 - SPA3112C - Basic Phonetics (4)
 - LIN3713 - Language Science (3)
 - SPA3101 - Physiological Bases of Speech (3)
 - SPA3104 - Neural Bases of Communication (3)
 - LIN3716 - Language Development (3)
 - LIN3716L - Language Development Lab (2)
 - SPA4032 - Audiology (3)
 - SPA3011 - Speech Science (3)
 - SPA3412 - Communication and Cognition: Brain Stories (3)
 - SPA3472 - Behavioral Methods in Communication Disorders (3)
 - SPA4400 - Language Disorders Across the Life Span (3)
 - SPA4476 - Speech Disorders Across the Lifespan (3)
 - SPA4478 - Multicultural Aspects of Communication Disorders & Differences (3)
 - SPA4326 - Hearing Disorders Across the Lifespan (3)
 - SPA4870C - Capstone Course: (3)

Restricted Electives

9 Total Credits

- Earn at least 9 credits from the following types of courses:
upper division courses, selected from the list provided by the School of CSD, are required. Consult with CSD advisor as needed.

0 Total Credits

- B.A./B.S. Option (6-8 Credit Hours) Student pursuing a B.A. degree can use ASL II to satisfy the foreign language requirement OR a restricted elective requirement, not both. Students pursuing a B.S. degree can use both ASL I and ASL II to satisfy the restricted elective requirement.

Grand Total Credits: **63 - 64**

Program Details

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.
- Students taking American Sign Language (ASL) to satisfy B.A. foreign language requirement must complete two semesters of ASL classes.

Graduation

- Students taking American Sign Language (ASL) to satisfy B.A. foreign language requirement must complete two semesters of ASL classes.

Electives

- To graduate with a B.A. or B.S. degree students must earn a total of 120 credit hours. Additional electives can be completed to satisfy this requirement. Select courses that are 2000-level or higher. A minor or certificate is encouraged. Consult advisor as needed.

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- Students must achieve a minimum grade of "C-" (1.75) in all prerequisite courses, core courses, restricted electives, and B.A./B.S. electives in the program.
- Students must also earn an overall minimum of 2.0 GPA in the courses used to satisfy the major.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- Interested students should consult with the undergraduate program coordinator.

Related Programs

- Health Services Administration (B.S.)
- Psychology (B.S.)
- Social Work (B.S.W.)
- Early Childhood Education

Related Minors

- Exceptional Student Education Minor
- Early Childhood Development and Education Minor
- Aging Studies Minor
- Health Services Administration Minor
- Human Communication Minor
- English, Linguistics Minor
- Psychology Minor
- Spanish Minor

Advising Notes

- Certification in speech-language pathology by the American Speech-Language-Hearing Association and licensure by the State of Florida Department of Health, Division of Medical Quality Assurance requires a

master's degree in Communication Sciences and Disorders.

- Use Steppingblocks platform for career exploration at: <https://ucf.stepsblocks.com/>

Transfer Notes

- "D" (1.0) grades are not accepted.
- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.
- Students may take STA 2014 or STA 2023 to fulfill the first part of the statistics requirement.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: https://oeas.ucf.edu/doc/chps/alc_chps_communication_sciences_disorders_bsba.pdf

Equipment Fees

- Part-Time Student: \$10 per term
- Full-Time Student: \$20 per term

Communication Sciences and Disorders Minor

College

College of Health Professions and Sciences

Department

School of Communication Sciences and Disorders

Program Type

Minor

Program Description

College of Health Professions and Sciences
School of Communication Sciences and Disorders
Health Sciences II (HS2), 101
407-823-4798
csdundergraduate@ucf.edu

Licensed Speech-Language Pathology and Audiology Assistant: This state license may be obtained by completing the minor. This minor is not available to CSD Majors or those seeking a Language Development and Disorders Certificate.

Program Details

Prerequisite Course (3 Credit Hours)

- SPA 3002 - Introduction to Communication Sciences and Disorders **Credit Hours: 3**

Required Courses (24 Credit Hours)

- SPA 3112C - Basic Phonetics **Credit Hours: 4**
- LIN 3713 - Language Science **Credit Hours: 3**
- LIN 3716 - Language Development **Credit Hours: 3**
- LIN 3716L - Language Development Lab **Credit Hours: 2**
- SPA 3101 - Physiological Bases of Speech **Credit Hours: 3**
- SPA 4476 - Speech Disorders Across the Lifespan **Credit Hours: 3**
- SPA 4032 - Audiology **Credit Hours: 3**
- SPA 4400 - Language Disorders Across the Life Span **Credit Hours: 3**

Restricted Electives

- None

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 24

Other Requirements

- A minimum grade of "C-" (1.75) is required in all courses used to satisfy the minor.
- Students must earn an overall minimum of 2.0 GPA in the courses used to complete the minor.
- At least 19 hours used in the minor must be earned at UCF within the School of Communication Sciences and Disorders.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit cannot be used toward the minor.

Fitness Training Minor

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy- Kinesiology

Program Type

Minor

Admission Requirements

- Have a minimum 2.5 overall GPA
- Complete the University General Education Requirements or its equivalent, i.e. an AA degree from a Florida College System or State University System Institution
- The minor is not open to Exercise and Sport Physiology track students.

Program Description

The Fitness Training minor is for the students interested in working in wellness centers as personal trainers. This minor provides the knowledge and experiences to be successful in this growing and exciting area. The goal is to provide guided practical skills application to those students who wish to teach fitness related concepts to individuals and/or groups. With the knowledge acquired from the completion of the required coursework for the Fitness Training minor, students will be prepared and eligible to seek industry certification within the field of kinesiology.

Minor Requirements

- No grades below "C" (2.0).
- At least 12 hours used in the minor must be earned at UCF.
- An overall GPA of 2.5 is required to satisfy the minor.

Prerequisite Courses

None

-

Degree Requirements

Required Courses

12 Total Credits

- Complete the following:
 - PET4325 - Functional Kinesiology (3)
 - PET4550C - Assessment and Evaluation in Kinesiology (3)
 - PET3351 - Applied Exercise Physiology (3)
 - PET3361 - Nutrition and Metabolism in Kinesiology (3)

Restricted Electives

6 Total Credits

- Complete at least 2 of the following:
 - APK2300 - Basic Sport First Aid and CPR (3)
 - PET3125 - Fitness and Weight Management (3)
 - PET3771 - Strength and Conditioning Concepts (3)
 - PET4083 - Personal Training Methods (3)
 - PET4215 - Motivational Aspects of Athletic Performance (3)
 - PET4552 - Exercise Prescription for Special Populations (3)

Grand Total Credits: **18**

Program Details

Foreign Language Requirements

None

Total Undergraduate Credit Hours Required: 18

Other Requirements

- No TSD or Military credit may be used.
- Internship or Independent Study credit cannot be used towards the minor.
- Courses taken at Florida College System institutions may substitute for select courses with the permission of the department.
- ZOO 3736C or equivalent is a prerequisite for PET 4325, PET 3351 and PET 3771.
- PET 3351 is a prerequisite for PET 4550C and PET 4552.

Health Sciences, Health Promotion Track (B.S.)

College

College of Health Professions and Sciences

Department

Department of Health Sciences

Program Type

Major

Program Contact Information

College of Health Professions and Sciences
Department of Health Sciences
Health Sciences II (HS2), 210
407-823-0946
hsinfo@ucf.edu

Department Chair, Professor: Dr. Gail Kauwell

Admission Requirements

None

Program Description

The Bachelor of Science degree in Health Sciences is designed for students with an interest in human health who plan to pursue health-focused careers. The Health Promotion track provides students with a solid educational background in basic and health-related sciences, while providing the foundation courses required for admission to graduate level clinical and non-clinical health programs including but not limited to physical therapy, occupational therapy, public health, clinical/behavioral health and other health-related professions.

Degree Requirements

- Students who change programs and select this major must adopt the most current catalog.
- Courses designated in GEP and CPP categories below usually are completed during the first 60 credit hours and may be taken at an institution within the Florida College System.
- A minimum grade of "C" (2.0) in each program prerequisite, required and restricted elective course is required. Students should note that graduate programs may require a higher level of performance for admission.
- No transfer course with a grade lower than a "C" (2.0) will be accepted.
- Students must achieve a minimum 2.5 overall GPA for graduation.

General Education (GEP)

- Complete all of the following
 - Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - SPC1608 - Fundamentals of Oral Communication (Preferred)
 - Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)

- FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- MUL 2010 - Enjoyment of Music Credit Hours: 3 (Preferred) PHI 2010 - Introduction to Philosophy Credit Hours: 3 (Preferred) THE 2000 - Theatre Survey Credit Hours: 3 (Preferred)
- GEP 6- Historical & Cultural Foundation - choose one course from GEP 4 or GEP 5; GEP 4 preferred
- Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Complete all of the following
 - GEP 7- Mathematical Foundation
 - Complete at least of the following:
 - MAC1114C - College Trigonometry (3)
 - MAC2233 - Concepts of Calculus (3)
 - MAC2253 - Applied Calculus (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MAC1114C Preferred
 - GEP 8- Mathematical Foundation
 - Complete the following:
 - STA2023 - Statistical Methods I (3)
- Complete all of the following
 - GEP 9- Social Foundation
 - Complete the following:
 - PSY2012 - General Psychology (3)
 - Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)

- ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
- POS 2041 - American National Government Credit Hours: 3 (Preferred)
- Complete all of the following
 - GEP 11 & 12- Science Foundation
 - Complete the following:
 - BSC2010C - Biology I (4)
 - CHM2045C - Chemistry Fundamentals I (4)

Grand Total Credits: **35**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - Complete all of the following
 - In addition to BSC 2010C - Biology I; BSC 2011C - Biology II; PSY 2012 - General Psychology; STA 2023 - Statistical Methods I; CHM 2045C - Chemistry Fundamentals I; and one math chosen from MAC 1114C - College Trigonometry, MAC 2233 - Concepts of Calculus, MAC 2253 - Applied Calculus OR MAC 2311C - Calculus with Analytic Geometry I from the GEP complete as follows:
 - Complete the following:
 - BSC2011C - Biology II (4)
 - CHM2046 - Chemistry Fundamentals II (3)
 - CHM2046L - Chemistry Fundamentals Laboratory (1)
 - PCB3703C - Human Physiology (4)
 - ZOO3733C - Human Anatomy (4)
 - Earn at least 8 credits from the following types of courses:
Complete one of the following Physics Sequence PHY 2053C - College Physics I (PHY 2053 & PHY 2053L) and PHY 2054C - College Physics II OR PHY 2048C - General Physics Using Calculus I (PHY 2048 & PHY 2048L) AND PHY 2049C - General Physics Using Calculus II (PHY 2049 & PHY 2049L)

Grand Total Credits: **24**

Degree Requirements

Core Requirements: Basic
6 Total Credits

- Complete all of the following
 - Complete the following:
 - HUN2201 - Fundamentals of Human Nutrition (3)
 - Complete at least 1 of the following:
 - HSC2524 - Introduction to Human Disease (3)
 - HSC2000 - Introduction to Careers in Health Professions (3)
 - HSC3110 - Medical Self Assessment (3)

Core Requirements: Advanced
24 Total Credits

- Complete the following:
 - HSC3147 - Introduction to Pharmacology (3)
 - HSC3211 - Preventive Health Care (3)
 - HSC4555 - Pathophysiology I (3)
 - HSC4558 - Pathophysiology II (3)
 - HSC4501 - Epidemiology of Chronic Diseases (3)
 - HSC4730 - Applied Health Research Methodology (3)
 - HSC4572 - Clinical Nutrition (3)
 - HSC4930 - Health Sciences Seminar (3)

Restricted Electives
28 Total Credits

- Earn at least 28 credits from the following types of courses:
The Health Promotion track provides the foundation courses required for admission to graduate level clinical and non-clinical health programs including but not limited to physical therapy, occupational therapy, public health, clinical/behavioral health and other health-related professions. Students are advised to check the program website for updated information and suggested electives for specific health professions graduate programs. It is the student's responsibility to check the prerequisites for graduate programs to which they plan to apply. Some courses listed below may have additional prerequisite course requirements. Course selection should be made in consultation with an advisor and may vary by student depending on career goals and objectives. Students must meet restricted elective credit hour requirements and UCF's 42 upper division credit hour requirements. Courses completed and already used to satisfy General Education Program, Basic Level and Advanced Level requirements may not be used to meet the Restricted Elective requirement. HSC 4943 - Health Sciences Internship Credit Hours: 3 HSC 4553 - Concepts in Pathophysiological Diagnosis Credit Hours: 3 HSC 3432 - Occupational Safety for the Health Care Professional Credit Hours: 3 HSC 4008 - Professional Development in Health Professions Credit Hours: 3 HSC 3110 - Medical Self Assessment Credit Hours: 3 HSC 3102 - Foundations of Health Behavior Credit Hours: 3 COM 4022 - Principles of Health Communication Credit Hours: 3 HSC 4201 - Community Health Credit Hours: 3 HSA 3012 - Issues & Trends in Public Health Credit Hours: 3 PET 4312C - Applied Biomechanics Credit Hours: 3 ATR 4132 - Human Injuries: Mechanisms & Prevention Credit Hours: 3 PET 3351 - Applied Exercise Physiology Credit Hours: 3 PET 4050C - Motor Development and Learning Credit Hours: 3 PET 4088 - Physical Activity & Preventive Medicine Credit Hours: 3 PET 4552 - Exercise Prescription for Special Populations Credit Hours: 3 HSC 4564 - Health Care Needs of the Elderly Credit Hours: 3 ENC 3453 - Writing About Health and Medicine Credit Hours: 3 SYO 4400 - Medical Sociology Credit Hours: 3 CLP 3143 - Abnormal Psychology Credit Hours: 3 CLP 4314 - Health Psychology Credit Hours: 3 HSC 3559 - Disabilities in American Society Credit Hours: 3 HSA 3111 - U.S. Health Care Systems Credit Hours: 3 HSC 3537 - Medical Terminology Credit Hours: 3 CHM 2210 - Organic Chemistry I Credit Hours: 3 CHM 2211L - Organic Laboratory Techniques I Credit Hours: 2 MCB 3020C - General Microbiology Credit Hours: 5 MCB 4276 - Epidemiology of Infectious Diseases Credit Hours: 3 PCB 3063 - Genetics Credit Hours: 3 PCB 3063L - Genetics Laboratory Credit Hours: 1 PCB 3233 - Immunology Credit Hours: 3 PCB 3233L - Immunology Laboratory Credit Hours: 1

Grand Total Credits: **58**

Program Details

Capstone Requirements

-
- None

Electives

- Students who transfer to UCF with a Florida College System institution AA degree may need to take upper-level electives to reach the University requirement of 42 semester hours of upper division credits. Students are encouraged to choose courses from the list of restricted electives (see list) that pertain to the graduate program they intend to pursue.

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- A minimum grade of "C" (2.0) in each program prerequisite, in each core requirement course and in each restricted elective is required (see GEP and CPP above). Students should note that graduate programs may require a higher level of performance for admission.
- Students must take a minimum of 27 hours of upper-division Health Sciences courses from the UCF Department of Health Sciences program to obtain the UCF degree in Health Sciences.
- Students must achieve a minimum 2.5 overall GPA for graduation.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required: 120

Additional Information

Honors In Major

- Interested students should consult with a faculty advisor

Related Programs

- Biology (B.S.)
- Biomedical Sciences (B.S.)

Certificates

- Health Communication
- Spanish for Health Professionals

Related Minors

- Biomedical Sciences Minor
- Biology Minor
- Science Education Minor
- Business Minor
- Education Minor
- Health Informatics and Information Management Minor
- Health Services Administration Minor
- Psychology Minor
- Chemistry Minor

Advising Notes

- Students should consult with a college advisor each semester.
- Students should consult with the Office of Pre-Health and Pre-Law Advising before submitting applications to graduate programs.
- Use Steppingblocks platform for career exploration at: <https://ucf.stepsblocks.com/>

Transfer Notes

- Completion of an Associate of Arts degree from a Florida College System institution is strongly recommended.
- Students who begin a two-semester sequence course (e.g., General Chemistry, College Physics) at a Florida College System institution are strongly encouraged to complete the sequence before transferring. If it will not be possible to complete the sequence before transferring, the student should postpone beginning the course until enrolling at UCF.
- Students who take Anatomy and Physiology at a Florida College System institution may be required to complete additional upper division credits in order to meet the University graduation requirement of 42 credit hours of upper division (3000-4000) level credits.

Acceptable Substitutes for Transfer Courses

- BSC 2010C - Biology I can be substituted by Biology I with Lab (BSC 1010 and BSC 1010L).
- BSC 2011C - Biology II can be substituted by Biology II with Lab (BSC 1011 and BSC 1011L).
- CHM 2045C - Chemistry Fundamentals I can be substituted by CHM 1045 and Lab.
- CHM 2046 - Chemistry Fundamentals II and CHM 2046L - Chemistry Fundamentals Laboratory can be substituted by CHM 1046 and Lab.
- PHY 2053C - College Physics I can be substituted by PHY 1053 and Lab.
- PHY 2054C - College Physics II can be substituted by PHY 1054 and Lab.
- ZOO 3733C - Human Anatomy and PCB 3703C - Human Physiology can be substituted by Human Anatomy and Physiology I & II (BSC X093 and X094 or BSC X085 and X086). Please note that these acceptable transfer courses do not fulfill the 48 hours of upper division (3000-4000) credit required by UCF for graduation.
- Students that transfer with an AA degree and will be pursuing a BS degree must meet the University foreign language admission requirements for graduation.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: https://oeas.ucf.edu/doc/chps/alc_chps_health_sciences_bs.pdf

Health Sciences Minor

College

College of Health Professions and Sciences

Department

Department of Health Sciences

Program Type

Minor

Program Contact Information

College of Health Professions and Sciences
Department of Health Sciences
Health Sciences II (HS2), 212
407-823-0946
hsinfo@ucf.edu

Instructor: L. Timothy Worrell
407-823-5236

Admission Requirements

None

Program Description

The Health Sciences minor is designed to broaden the student's understanding of health and other clinically related topics. It includes a diverse selection of courses within the healthcare disciplines.

- Some courses below may have additional prerequisite courses required.

Degree Requirements

Required Courses
9 Total Credits

- Complete the following:
 - HUN2201 - Fundamentals of Human Nutrition (3)
 - HSC3110 - Medical Self Assessment (3)
 - HSC3211 - Preventive Health Care (3)

Restricted Electives
9 Total Credits

- Complete at least 3 of the following:
 - HSC2524 - Introduction to Human Disease (3)
 - HSC3147 - Introduction to Pharmacology (3)
 - HSC4555 - Pathophysiology I (3)
 - HSC4558 - Pathophysiology II (3)
 - HSC4501 - Epidemiology of Chronic Diseases (3)
 - HSC3432 - Occupational Safety for the Health Care Professional (3)
 - HSC4572 - Clinical Nutrition (3)
 - HSC4730 - Applied Health Research Methodology (3)
 - HSC4008 - Professional Development in Health Professions (3)
 - HSC4652 - Health Law and Ethics (3)
 - HSC3559 - Disabilities in American Society (3)
 - HSC4564 - Health Care Needs of the Elderly (3)
 - HSC3537 - Medical Terminology (3)

Grand Total Credits: **18**

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 18

Other Requirements

- Majors may not count courses presently required in a department program.
- A minimum grade of "C" (2.0) is required in all Health Sciences courses.
- At least 15 hours used in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit cannot be used toward the minor.

Health Sciences, Pre-Clinical Track (B.S.)

College

College of Health Professions and Sciences

Department

Department of Health Sciences

Program Type

Major

Program Contact Information

College of Health Professions and Sciences
Department of Health Sciences
Health Sciences II (HS2), 210
407-823-0946
hsinfo@ucf.edu

Department Chair, Professor: Dr. Gail Kauwell

Admission Requirements

- Students must have a minimum overall GPA of 3.0

Program Description

The Bachelor of Science degree in Health Sciences is designed for students with an interest in human health who plan to pursue health-focused careers. The Pre-Clinical track provides students with a solid educational background in basic and health-related sciences, while providing the foundation courses required for admission to graduate level clinical programs including but not limited to medicine, pharmacy, dentistry, optometry, physician assistant, and other health-related professions.

Degree Requirements

- Students who change programs and select this major must adopt the most current catalog.
- Students must have a minimum overall GPA of 3.0 for acceptance into the Pre-Clinical track.
- Students selecting the Pre-Clinical track are classified as "pending" until the program verifies that they meet the GPA requirements for this track. Students who meet the requirements are changed to the Pre-Clinical track.
- Courses listed below under the GEP and CPP categories usually are completed during the first 60 credit hours and may be taken at an institution within the Florida College System.
- A minimum grade of "C" (2.0) in each program prerequisite course, in each core requirement course, and in each restricted elective is required. Students should note that graduate programs may require a higher level of performance for admission.
- No transfer course will be accepted with a grade lower than a "C" (2.0).
- Students must achieve a minimum 3.0 overall GPA for graduation.

- Students who do not meet the minimum overall 3.0 GPA graduation requirement will be automatically moved to the Health Sciences – Health Promotion track during their graduation term and will earn the Health Sciences – Health Promotion track B.S. if they have met all other program requirements.

- Students who do not meet the overall minimum 3.0 GPA graduation requirement and wish to delay graduation instead of being moved to the Health Sciences - Health Promotion track, must formally petition the department no more than 7 days after grades are posted for the term. Final approval to delay graduation and remain in the Pre-Clinical track is at the discretion of the department.

General Education (GEP)

- Complete all of the following
 - Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Complete all of the following
 - Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)

- FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - MUL 2010 - Enjoyment of Music; PHI 2010 - Introduction to Philosophy OR THE 2000 - Theatre Survey - Preferred
- GEP 6- Historical & Cultural Foundation - choose a course from GEP 4 or GEP 5, GEP 4 preferred.
- Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Complete all of the following
 - GEP 7- Mathematical Foundation
 - Complete all of the following
 - Complete at least 1 of the following:
 - MAC1114C - College Trigonometry (3)
 - MAC2233 - Concepts of Calculus (3)
 - MAC2253 - Applied Calculus (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MAC 1114C preferred
 - GEP 8- Mathematical Foundation
 - Complete the following:
 - STA2023 - Statistical Methods I (3)
- Complete all of the following
 - GEP 9- Social Foundation
 - Complete the following:
 - PSY2012 - General Psychology (3)
 - Complete all of the following
 - Complete at least 1 courses from the following:

- GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
 - POS 2041 - American National Government - Preferred
- Complete all of the following
 - GEP 11 & 12- Science Foundation
 - Complete the following:
 - CHM2045C - Chemistry Fundamentals I (4)
 - BSC2010C - Biology I (4)

Grand Total Credits: **38 - 39**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - In addition to BSC 2010C - Biology I; BSC 2011C - Biology II; PSY 2012 - General Psychology; STA 2023 - Statistical Methods I; CHM 2045C - Chemistry Fundamentals I; and one math chosen from MAC 1114C - College Trigonometry, MAC 2233 - Concepts of Calculus, MAC 2253 - Applied Calculus OR MAC 2311C - Calculus with Analytic Geometry I from the GEP complete as follows:
 - Complete the following:
 - BSC2011C - Biology II (4)
 - CHM2046 - Chemistry Fundamentals II (3)
 - CHM2046L - Chemistry Fundamentals Laboratory (1)
 - PCB3703C - Human Physiology (4)
 - ZOO3733C - Human Anatomy (4)
 - Earn at least 8 credits from the following types of courses:
Complete one of the following Physics Sequence PHY 2053C - College Physics I (PHY 2053 & PHY 2053L) and PHY 2054C - College Physics II OR PHY 2048C - General Physics Using Calculus I (PHY 2048 & PHY 2048L) AND PHY 2049C - General Physics Using Calculus II (PHY 2049 & PHY 2049L)

Grand Total Credits: **24**

Degree Requirements

Core Requirements: Basic
6 Total Credits

- Complete all of the following
 - Complete the following:
 - HUN2201 - Fundamentals of Human Nutrition (3)
 - Complete at least 1 of the following:
 - HSC2524 - Introduction to Human Disease (3)
 - HSC2000 - Introduction to Careers in Health Professions (3)
 - HSC3110 - Medical Self Assessment (3)

Core Requirements: Advanced
24 Total Credits

- Complete the following:
 - HSC3147 - Introduction to Pharmacology (3)
 - HSC3211 - Preventive Health Care (3)
 - HSC4555 - Pathophysiology I (3)
 - HSC4558 - Pathophysiology II (3)
 - HSC4501 - Epidemiology of Chronic Diseases (3)
 - HSC4730 - Applied Health Research Methodology (3)
 - HSC4572 - Clinical Nutrition (3)
 - HSC4930 - Health Sciences Seminar (3)

Restricted Electives
28 Total Credits

- Earn at least 28 credits from the following types of courses:
The Pre-Clinical track provides the foundation courses required for admission to graduate level clinical and non-clinical health programs including but not limited to medicine, pharmacy, dentistry, optometry, physician assistant, and other health-related professions. Students are advised to check the program's website for updated information and suggested electives for specific health professions graduate programs. It is the student's responsibility to check with graduate programs to meet prerequisites. Some courses listed below may have additional prerequisite course requirements. Course selection should be in consultation with an advisor and may vary by student depending on career goals and objectives. Students must meet restricted elective credit hour requirements and UCF's 42 upper division credit hour requirements. Courses completed and already used to satisfy General Education Program, Basic Level, Advanced Level requirements may not be used to meet the Restricted Elective requirement. HSC 4943 - Health Sciences Internship Credit Hours: 3 HSC 4553 - Concepts in Pathophysiological Diagnosis Credit Hours: 3 HSC 3432 - Occupational Safety for the Health Care Professional Credit Hours: 3 HSC 4008 - Professional Development in Health Professions Credit Hours: 3 HSC 3110 - Medical Self Assessment Credit Hours: 3 HSC 3102 - Foundations of Health Behavior Credit Hours: 3 CHM 2210 - Organic Chemistry I Credit Hours: 3 CHM 2211 - Organic Chemistry II Credit Hours: 3 CHM 2211L - Organic Laboratory Techniques I Credit Hours: 2 BCH 4053 - Biochemistry I Credit Hours: 3 BCH 4054 - Biochemistry II Credit Hours: 3 BCH 4024 - Medical Biochemistry Credit Hours: 4 MCB 3020C - General Microbiology Credit Hours: 5 PCB 3023 - Molecular Cell Biology Credit Hours: 3 PCB 3063 - Genetics Credit Hours: 3 PCB 3063L - Genetics Laboratory Credit Hours: 1 PCB 3233 - Immunology Credit Hours: 3 PCB 3233L - Immunology Laboratory Credit Hours: 1 PCB 4805 - Endocrinology Credit Hours: 3 MCB 3202 - Principles of Infectious Disease Credit Hours: 3 ZOO 3744 - Neurobiology Credit Hours: 3 ZOO 4743C - Clinical Neuroanatomy and Neuroscience Credit Hours: 4 MCB 3203 - Pathogenic Microbiology Credit Hours: 3 MCB 3203L - Pathogenic Microbiology laboratory Credit Hours: 1 PET 3351 - Applied Exercise Physiology Credit Hours: 3 PET 4312C - Applied Biomechanics Credit Hours: 3 PET 4088 - Physical Activity & Preventive Medicine Credit Hours: 3 PET 4552 - Exercise Prescription for Special Populations Credit Hours: 3 HSC 3537 - Medical Terminology Credit Hours: 3 SYO 4400 - Medical Sociology Credit Hours: 3 CLP 3143 - Abnormal Psychology Credit Hours: 3

Grand Total Credits: **58**

Program Details

-

Capstone Requirements

- None

Electives

- Students who transfer in with an AA degree from a Florida College System institution may need to take upper-level electives to reach the University requirement of 42 semester hours of upper division credit. Students are encouraged to choose restricted electives (see list) that pertain to their particular graduate program emphasis.

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- A minimum grade of "C" (2.0) in each program prerequisite course, in each core requirement course, and in each restricted elective is required (see GEP and CPP above). Students should note that graduate programs may require a higher level of performance for admission.
- Students must take a minimum of 27 hours of upper-division Health Sciences courses from the UCF Health Sciences program to obtain the UCF degree in Health Sciences.
- Student must achieve a minimum 3.0 overall GPA for graduation.
- Students who do not meet the minimum overall 3.0 GPA graduation requirement will be automatically moved to the Health Sciences – Health Promotion track during their graduation term and will earn the Health Sciences – Health Promotion track B.S. if they have met all other requirements for the program.
- Students who do not meet the overall minimum 3.0 GPA graduation requirement and wish to delay graduation instead of being moved to the Health Sciences - Health Promotion track, must formally

petition with the department no more than 7 days after grades post for the term. Final approval to delay graduation and remain in the Pre-Clinical track is at the discretion of the department.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required: 120

Additional Information

Honors In Major

- Interested students should consult with a faculty advisor

Related Programs

- Biology (B.S.)
- Biomedical Sciences (B.S.)

Certificates

- Health Communication
- Spanish for Health Professionals

Related Minors

- Biomedical Sciences Minor
- Biology Minor
- Science Education Minor
- Business Minor
- Education Minor
- Health Informatics and Information Management Minor
- Health Services Administration Minor
- Psychology Minor
- Chemistry Minor

Advising Notes

- Students should consult with a college advisor each semester.
- Students should consult with the Office of Pre-Health and Pre-Law Advising before submitting applications to graduate programs.
- Use Steppingblocks platform for career exploration at: <https://ucf.stepsblocks.com/>

Transfer Notes

- Completion of an Associate of Arts degree from a Florida College System institution is strongly recommended.
- Students who begin a two-semester sequence course (e.g. General Chemistry, College Physics) at a Florida College System institution are strongly encouraged to complete the sequence before transferring. If it will not be possible to complete the sequence before transferring, the student should postpone beginning the course until enrolling at UCF.
- Students who take Anatomy and Physiology at a Florida College System institution may be required to

complete additional upper division credits to meet the University graduation requirement of 42 credit hours of upper division (3000-4000) level credits.

Acceptable Substitutes for Transfer Courses

- BSC 2010C - Biology I can be substituted by Biology I with Lab (BSC 1010 and BSC 1010L).
- BSC 2011C - Biology II can be substituted by Biology II with Lab (BSC 1011 and BSC 1011L).
- CHM 2045C - Chemistry Fundamentals I can be substituted by CHM 1045 and Lab.
- CHM 2046 - Chemistry Fundamentals II and CHM 2046L - Chemistry Fundamentals Laboratory can be substituted by CHM 1046 and Lab.
- PHY 2053C - College Physics I can be substituted by PHY 1053 and Lab.
- PHY 2054C - College Physics II can be substituted by PHY 1054 and Lab.
- ZOO 3733C - Human Anatomy and PCB 3703C - Human Physiology can be substituted by Human Anatomy and Physiology I & II (BSC X093 and X094 or BSC X085 and X086). Please note that these acceptable transfer courses do not fulfill the 42 hours of upper division (3000-4000) credit required by UCF for graduation.
- Students that transfer with an AA degree and will be pursuing a BS degree must meet the University foreign language admission requirements for graduation.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: https://oeas.ucf.edu/doc/chps/alc_chps_health_sciences_bs.pdf

Kinesiology, Exercise and Sport Physiology Track (B.S.)

College

College of Health Professions and Sciences

Department

School of Kinesiology and Physical Therapy– Kinesiology

Program Type

Major

Program Contact Information

College of Health Professions and Sciences
School of Kinesiology and Physical Therapy
Education Complex and Gym (ED), 320
407-823-0623
kinesiology@ucf.edu

Associate Professor, Division of Kinesiology Head: Dr. David Fukuda
David.Fukuda@ucf.edu

Admission Requirements

- Complete the University General Education Requirements or its equivalent, i.e. an AA degree from a Florida College System or State University System institution.
- Complete the State General Education Core Requirements
- Have a minimum 2.5 overall GPA.
- Meet the Gordon Rule requirement
- Meet the SUS Foreign Language Admission requirement

Program Description

The Kinesiology B.S. Exercise and Sport Physiology track is appropriate for students interested in pursuing careers in sport science, health promotion, medicine, wellness, sports medicine, and allied health (i.e. physical therapy, athletic training, occupational therapy, cardiac rehabilitation, and corporate wellness). Students who may be continuing on to graduate school in a clinical or medical area should consider pre-requisites for graduate school when choosing certain classes. Students are advised to check the Graduate Program's website for updated information, as well as the Undergraduate Catalog for appropriate General Education courses.

Degree Requirements

- Students should consult with an advisor on a regular basis.
- Students who change degree programs and select this major must adopt the most current catalog.
- Students should see an advisor prior to selecting this major, and at least every semester thereafter.
- Students must earn at least a "C" (2.0) in each required course and maintain an overall GPA of at least a 2.5.
- All pre-requisites for courses taught within the Kinesiology program will be enforced and a required grade of "C" (2.0) or better must be reflected on the degree audit.
- Students must meet with their advisor prior to enrollment in Kinesiology Practicum to complete the departmental application and approval process.

General Education (GEP)

- Complete all of the following
 - Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - Complete the following:
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - MUL 2010 - Enjoyment of Music; THE 2000 - Theatre Survey; OR PHI 2010 - Introduction to

- Philosophy - (Preferred)
- GEP 6- Historical & Cultural - choose one course from GEP 4 or GEP 5, GEP 4 preferred
- Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Complete all of the following
 - GEP 7 & 8- Mathematical Foundation
 - Complete the following:
 - MAC1105C - College Algebra (3)
 - STA2023 - Statistical Methods I (3)
- Complete all of the following
 - GEP 9- Social Foundation
 - Complete the following:
 - PSY2012 - General Psychology (3)
 - Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
 - POS 2041 - American National Government (Preferred)
- Complete all of the following
 - GEP 11- Science Foundation
 - Complete the following:
 - CHM2045C - Chemistry Fundamentals I (4)
 - Complete at least 1 courses from the following:
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

- BSC 2010C - Biology I (Preferred)

Grand Total Credits: **37 - 38**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - In addition to CHM 2045C - Chemistry Fundamentals I; MAC 1105C - College Algebra; SPC 1608 - Fundamentals of Oral Communication; STA 2023 - Statistical Methods I; and PSY 2012 - General Psychology from the GEP the CPP requires:
 - Complete the following:
 - PCB3703C - Human Physiology (4)
 - HUN2201 - Fundamentals of Human Nutrition (3)
 - Complete at least 1 of the following:
 - ZOO3733C - Human Anatomy (4)
 - ZOO3736C - Exercise Physiology Anatomy (4)
 - A grade of "C" (2.0) or better is required. Some courses below may have additional prerequisite courses required. BSC X085C/X086C or BSC X093C/X094C will automatically substitute for ZOO 3733C/3736C and PCB 3703C.

Grand Total Credits: **11**

Degree Requirements

Core Requirements: Basic Level

24 Total Credits

- Complete all of the following
 - Complete the following:
 - PET3005 - Introduction to Kinesiology (3)
 - PET3351 - Applied Exercise Physiology (3)
 - PET4312C - Applied Biomechanics (3)
 - APK4110C - Advanced Exercise Physiology (3)
 - PET3361 - Nutrition and Metabolism in Kinesiology (3)
 - PET4325 - Functional Kinesiology (3)
 - PET4550C - Assessment and Evaluation in Kinesiology (3)
 - APK2300 - Basic Sport First Aid and CPR (3)
 - A grade of "C" (2.0) or better is required.

Core Requirements: Advanced Level

24 Total Credits

- Complete all of the following
 - Complete the following:
 - APK4203 - Monitoring Training and Athletic Performance (3)
 - ATR4132 - Human Injuries: Mechanisms & Prevention (3)
 - PET3125 - Fitness and Weight Management (3)
 - PET3771 - Strength and Conditioning Concepts (3)
 - PET4050C - Motor Development and Learning (3)
 - PET4088 - Physical Activity & Preventive Medicine (3)
 - PET4215 - Motivational Aspects of Athletic Performance (3)
 - PET4552 - Exercise Prescription for Special Populations (3)
 - A grade of "C" (2.0) or better is required.

Restricted Electives

20 Total Credits

- Complete all of the following
 - Students have the opportunity to add learning experiences by earning a double major or minor. In addition, many students will use these electives to take the required courses necessary for graduate studies, for example in medicine, physical therapy and other allied health graduate programs. Courses completed and already used to satisfy General Education Program, Basic Level, Advanced Level and selected Track requirements may not be used to meet the Restricted Elective requirement. Kinesiology students must select 20 credits of preferred elective courses. Students

with junior or senior standing and an overall GPA of 2.5 or higher may choose to complete a Practicum in an area that is specific to their desired career goals. In order to be placed into Practicum, students must receive department approval. A maximum of 9 credits of Practicum may be taken over two (2) semesters; however, clear and distinct learning outcomes must be established for each Practicum opportunity. A grade of "C" (2.0) or better is required.

- Earn at least 20 credits from the following:
 - APK2160 - Facts and Fallacies in Exercise and Nutrition (3)
 - APK3400 - Sports Psychology (3)
 - APK4926 - Practicum in Kinesiology (9)
 - BCH4024 - Medical Biochemistry (4)
 - BCH4053 - Biochemistry I (3)
 - PEO3324 - Coaching Volleyball (3)
 - PEO3514C - Coaching Soccer (3)
 - BSC2010C - Biology I (4)
 - CHM2046 - Chemistry Fundamentals II (3)
 - CHM2046L - Chemistry Fundamentals Laboratory (1)
 - CHM2210 - Organic Chemistry I (3)
 - CHM2211 - Organic Chemistry II (3)
 - CLP3143 - Abnormal Psychology (3)
 - DEP2004 - Developmental Psychology (3)
 - CHM2211L - Organic Laboratory Techniques I (2)
 - HSC3537 - Medical Terminology (3)
 - HSC4572 - Clinical Nutrition (3)
 - HUN3011 - Human Nutrition (3)
 - MCB3020C - General Microbiology (5)
 - PCB3063 - Genetics (3)
 - PCB3233 - Immunology (3)
 - PCB3233L - Immunology Laboratory (1)
 - PEM2104 - Personal Fitness (3)
 - PEM2131 - Strength Resistance Training (2)
 - PEM2431 - Beginning Judo (2)
 - PEO3624 - Coaching Basketball (3)
 - PEM2403 - Intermediate Brazilian Jiu-Jitsu (2)
 - PEO3644 - Coaching Football (3)
 - PET3097 - Health and Wellness (3)
 - PET3765 - Coaching Theory (3)
 - PET4083 - Personal Training Methods (3)
 - PET4143 - Current Issues & Trends in Kinesiology (3)
 - PET4763 - Coaching Methods and Principles (3)
 - SPM3204 - Sports and Ethics (3)
 - SPM3415 - Public Relations in Sport and Athletic Coaching (3)
 - SPM3504 - Fiscal and Facilities: Issues in Sport and Athletic Coaching (3)
 - SPM4723 - Legal Issues in Sport and Athletic Coaching (3)
 - HSC3110 - Medical Self Assessment (3)
 - HSC3147 - Introduction to Pharmacology (3)
 - PHY2053C - College Physics I Studio (4)
 - PHY2054C - College Physics II Studio (4)
 - PEM2432 - Intermediate Judo (2)
 - PEM2402 - Beginning Brazilian Jiu-Jitsu (2)
 - SYO4400 - Medical Sociology (3)
 - ZOO3744 - Neurobiology (3)
 - BSC2011C - Biology II (4)

Capstone Requirement 3 Total Credits

- Complete all of the following
 - Complete the following:
 - PET4901 - Capstone in Kinesiology (3)
 - Completed during the final semester in the program. In order to be approved for Capstone, students must meet with their Kinesiology advisor in the term prior to their final semester. A grade of "C" (2.0) or better is required.

Grand Total Credits: **71**

Program Details

Foreign Language Requirements

Admissions

- (0-8 hrs.) State University System foreign language admission requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- A minimum overall GPA of 2.5.
- Students must take a minimum of 24 hours of upper division Kinesiology courses from the UCF Kinesiology program to obtain the Kinesiology BS degree.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 42 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- Fitness Training Minor

Advising Notes

- Students must meet with their advisor before enrolling each term.
- The Practicum experience will provide the student with actual professional experiences and practical hands-on application. The students will be working directly with a Practicum Site Supervisor in the organization and their UCF Faculty Supervisor.
- Students who choose to complete Practicum will be representing not only themselves while on site but also the Kinesiology Program, the College, and UCF. Therefore, professionalism in manner, ethics, job performance, and dress will be expected at all times. Should there be any question of the performance of the students during their practicum experience, they will be required to meet with their UCF Practicum instructor and their UCF Academic Advisor for a performance evaluation before returning to the Practicum site. The performance concerns will be addressed and a plan of action regarding expectations and improvements will be developed. If the problems persist and the situation warrants, the students may be removed from their Practicum experience.
- All baccalaureate degree-seeking students who initially entered a state university in Fall 2018 and thereafter must meet the State of Florida's civic literacy requirement, pursuant to Board of Governors' policy 8.006. Students are required to demonstrate competency in civic literacy through one of several options prior to graduation from the University of Central Florida. Meet with your academic advisor and review your degree audit prior to the start of your Junior year and determine if you need to fulfill this graduation requirement.
- Use Steppingblocks platform for career exploration at: <https://ucf.stepsblocks.com/>

Transfer Notes

- Courses transferred from private and out-of-state institutions must be evaluated for equivalency credit. The student must provide all documentation.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: https://oeas.ucf.edu/doc/chps/alc_chps_sport_exercise_bs.pdf

Language Development and Disorders Certificate

College

College of Health Professions and Sciences

Department

School of Communication Sciences and Disorders

Program Type

Certificate

Program Contact Information

College of Health Professions and Sciences
School of Communication Sciences and Disorders
Health Sciences II (HS2), 101
 407-823-4798
csdundergraduate@ucf.edu

Instructor: Therese Coleman

Assistant Professor, Graduate Program Director: Dr. Jacqueline Towson

Admission Requirements

None

Program Description

Language disorders are the most prevalent communication disorder. Typically children, adolescents and adults with language disorders are served via a team approach that includes speech-language pathologists, psychologists, neurologists, pediatricians, nurses, social workers, physical therapists, occupational therapists, school counselors, and general and special educators. This certificate is designed for undergraduate students who are not majoring or minoring in Communication Sciences and Disorders. This is for those in disciplines related to speech-language pathology who wish to pursue a special emphasis in language development and disorders in children, adolescents and adults. Certificates will be awarded only at the time of degree completion.

Degree Requirements

Required Courses

11 Total Credits

- Complete the following:
 - LIN3713 - Language Science (3)
 - LIN3716 - Language Development (3)
 - LIN3716L - Language Development Lab (2)
 - SPA4400 - Language Disorders Across the Life Span (3)

Grand Total Credits: **11**

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 11

Other Requirements

- A minimum grade of "C-" (1.75) is required in each course.
- Students must earn an overall GPA of 2.0 in courses to complete the certificate.
- At least 10 hours used in the program must be earned at UCF with the School of Communication Sciences and Disorders.
- No credit by exam (TSD, Military credit) internship or independent study may be used toward the certificate.

Social Work (B.S.W.)

College

College of Health Professions and Sciences

Department

School of Social Work

Program Type

Major

Program Contact Information

College of Health Professions and Sciences:
School of Social Work
Health Sciences I (HS1), 204
407-823-2114
socialwk@ucf.edu

BSW Program Director: Robin Kohn

Director, Professor: Dr. Matthew Theriot

BSW Academic Advisor: Tracy Griffith

Admission Requirements

- Acceptance to the University does not necessarily constitute admission to the upper division social work program. Separate application to the limited access program must be made to the School of Social Work. Students are admitted to the undergraduate program only in the Summer or Fall terms. To be considered for admission to the program, students must have:
- Admission to the University.
- A 2.5 overall GPA.
- An AA (from a Florida College System or State University System institution) or UCF General Education Program and Gordon Rule requirement.
- 15 semester hours common program prerequisites completed with a "C" (2.0) or better in each course (see Section 2 below for list of courses)
- This limited access program is work-intensive. Due to this it is strongly recommended that students be at least one year post high school prior to applying to the program. Students with concerns or questions should contact the program to schedule an appointment with an advisor.
- Personal qualifications considered for acceptance include intelligence, initiative, social concern, appreciation for human diversity, dependability, humanitarian interests in helping people and in improving human services and college-level reading and writing skills.

Program Description

Degree Requirements

- Students who are pending Social Work and are admitted to the program must adopt the most current catalog.
- Residency Requirement consists of at least 30 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF School of Social Work.
- Students should complete the General Education Program and the Common Program Prerequisite Requirements before beginning the Social Work Program.
- Students entering the social work program and completing the program prerequisites including Statistics are required to earn a minimum of "C" (2.0) in each course.
- Students should consult with a BSW program advisor.
- The courses designated in sections 1 (general education) and 2 (common program prerequisites) below may be taken at a college or university other than UCF, and should usually be completed in the first 60 hours.
- Students meeting the six hours of cultural diversity requirement must earn a minimum of "C" (2.0) in each course.
- A minimum overall GPA of 2.5 is required in all Social Work courses with a minimum grade of "C" (2.0) in each course.
- Students must earn an overall GPA of 2.5 for entry into field education (SOW 4510 or SOW 4941 part-time) and to be eligible for graduation from the Social Work Program.
- Students must complete all the requirements listed in 1-11 below.

General Education (GEP)

- Complete all of the following
 - Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:

- GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - GEP 6- Historical & Cultural Foundation - choose a course from GEP 4 or GEP 5
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Complete all of the following

- Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - GEP 8- Mathematical Foundation
 - Complete at least 1 of the following:
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
- Complete all of the following
 - GEP 9 & 10- Social Foundation
 - Complete the following:
 - PSY2012 - General Psychology (3)
 - POS2041 - American National Government (3)
- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - GEP 12- Science Foundation
 - Complete the following:
 - BSC1005 - Biological Principles (3)

Grand Total Credits: **36 - 38**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - In addition to POS 2041 - American National Government; BSC 1005 - Biological Principles, and PSY 2012 - General Psychology and either STA 2014 OR STA 2023 from the GEP, complete as follows:
 - Complete the following:
 - SYG2000 - Introduction to Sociology (3)
 - Complete at least 1 of the following:
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)

Grand Total Credits: **6**

Degree Requirements

Core Requirements: Basic Level

0 Total Credits

- Complete all of the following
 - Choose ONE of the following courses, or see advisor for more options:
 - STA 2014 - Principles of Statistics Credit Hours: 3 GEP
 - STA 2023 - Statistical Methods I Credit Hours: 3 GEP
 - *Required Principles of Statistics

Core Requirements: Advanced Level

45 Total Credits

- Complete the following:
 - SOW3284 - Social Work Perspectives on Social Justice (3)
 - SOW3104 - Human Behavior and the Social Environment I (3)
 - SOW3300 - Practice I: Generalist Practice in Social Work (3)
 - SOW3111 - Human Behavior and the Social Environment II (3)
 - SOW3352 - Practice II: Interpersonal Skills in Social Work (3)
 - SOW3401 - Social Work Research (3)
 - SOW3620 - Culturally Competent Social Work Practice (3)
 - SOW4730 - Documentation in Social Work Practice (3)
 - SOW4232 - Social Welfare Policies and Issues (3)
 - SOW4341 - Micro-Level Roles and Interventions in Social Work (3)
 - SOW4343 - Macro-Level Roles and Interventions in Social Work (3)
 - SOW4522 - Field Education Seminar (3)
 - SOW4510 - Field Education (9)

Cultural Diversity Requirement

6 Total Credits

- Complete at least 2 of the following:
 - ANT4332 - People and Cultures of Latin America (3)
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ANT3610 - Language and Culture (3)
 - ASH4404 - Modern China (3)
 - ASH4442 - Modern Japan (3)
 - CPO4303 - Comparative Latin American Politics (3)
 - HUM3401 - Asian Humanities (3)
 - REL3333 - Hinduism (3)
 - REL3363 - Islam (3)
 - JST3401 - Jewish People in Antiquity (3)
 - JST3820 - Modern Israeli Culture (3)
 - LAH3130 - Latin American History I (3)
 - LAH3200 - Modern Latin America (3)
 - LAH3470 - History of the Caribbean (3)
 - AMH3561 - Women in American History I (3)
 - AMH3571 - Black American History I (3)
 - AMH3586 - History of Latinos in the U.S. (3)
 - ANT3302 - Sex, Gender and Culture (3)
 - ANT3311 - Indians of the Southeastern United States (3)
 - SOP3724 - Psychology of Prejudice (3)
 - SYD3700 - Race and Ethnicity (3)
 - EDF2085 - Introduction to Diversity for Educators (3)
 - HSC3593 - HIV Disease: A Human Concern (3)

Restricted Electives

6 Total Credits

- Earn at least 6 credits from the following types of courses:
Select six hours of social work electives in consultation with faculty advisor.

Grand Total Credits: **57**

Program Details

Capstone Requirements

- None

Electives

- Students can choose 21 credit hours of electives. SOW 2020 (3 credit hours) Careers in Creating Social Change is a preferred elective for students in Freshman and Sophomore standing. Select courses that are 2000-level or higher with advisor approval. Note: Students are responsible for meeting the 120 credit hours graduation requirement.

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of foreign language in college (or equivalent proficiency exam) prior to graduation.
- Students that transfer with an AA degree and will be pursuing a BS degree must meet the University foreign language admission requirements for graduation.

Graduation

- Cultural Diversity Requirement

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- A minimum overall GPA of 2.5 in all social work courses with a minimum grade of "C" (2.0) or higher in each social work course.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- Complete a three-credit directed reading course/or a three-credit CHPS Interdisciplinary Honor Course.
- Complete a three-credit thesis course.
- Earn a 3.5 GPA in your Social Work major.
- Earn a cumulative 3.2 GPA in your total UCF courses.
- Complete 60 hours of college credit, including 12 upper division hours at UCF.

Related Programs

- Criminal Justice (B.A. or B.S.)
- Psychology (B.S.)
- Sociology (B.A./ B.S.)
- Public Administration (B.A. or B.S.)

Certificates

- Aging Studies Certificate
- Children's Services Certificate

Related Minors

- Health Services Administration Minor
- Aging Studies Minor
- Psychology Minor
- Sociology Minor
- Nonprofit Management Minor
- Management

Advising Notes

- Use Steppingblocks platform for career exploration at: <https://ucf.stepsblocks.com/>

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- POS 2041: may use POS X042 or PUP X099
- BSC 1005: may use BSC X085, BSC X010, or PCB X099
- PSY 2012: may use PSY X020
- SYG 2000: may use SYG X010

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: https://oeas.ucf.edu/doc/chps/alc_chps_social_work_bsw.pdf

College of Medicine

Biofluids Engineering Minor

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

Program Type

Minor

Program Contact Information

College of Medicine
Burnett School of Biomedical Sciences
Health Sciences II (HS2), 335
407-823-5932
bsbsadvising@ucf.edu

Director: *Dr. Griffith Parks*
Burnett Building at Lake Nona (BBS), 101K
407-823-5932

Program Description

Series of core courses that engineering majors are required to take to build a disciplinary knowledge of engineering principles and mathematics. The minor is intended for non-engineering majors who wish to pursue professional or graduate education in areas such as biomedical engineering or medicine. The core knowledge of mathematics and mechanics present in the major can enhance an undergraduate degree in other STEM disciplines (biomedical science, biology, chemistry, physics, mathematics). This program is not an option for CECS students.

Degree Requirements

Math Foundations
11 Total Credits

- Complete the following:
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - MAC2313 - Calculus with Analytic Geometry III (4)
 - MAP2302 - Ordinary Differential Equations I (3)

Engineering Foundations
9 Total Credits

- Complete the following:
 - EGN3310 - Engineering Analysis-Statics (3)
 - EGN3321 - Engineering Analysis-Dynamics (3)
 - EGN3343 - Thermodynamics (3)

Thermofluids Foundations
3 Total Credits

- Complete the following:
 - EML3701 - Fluid Mechanics I (3)

Thermofluids Elective
3 Total Credits

- Complete at least 1 of the following:
 - EML3034C - Modeling Methods in Mechanical and Aerospace Engineering (3)
 - EML3101 - Thermodynamics of Mechanical Systems (3)
 - EML3303C - Mechanical Engineering Measurements (3)
 - EML4142 - Heat Transfer (3)
 - EML4703 - Fluid Mechanics II (3)

Grand Total Credits: **26**

Program Details

Biomechanics Engineering Minor

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

Program Type

Minor

Program Contact Information

College of Medicine
Burnett School of Biomedical Sciences
Health Sciences II (HS2), 335
407-823-5932
bsbsadvising@ucf.edu

Director: *Dr. Griffith Parks*
Burnett Building at Lake Nona (BBS), 101K
407-823-5932

Program Description

Series of core courses that engineering majors are required to take in order to build a disciplinary knowledge of engineering principles and mathematics. The minor is intended for non-engineering majors who wish to pursue professional or graduate education in areas such as biomedical engineering or medicine. The core knowledge of mathematics and mechanics present in the major can enhance an undergraduate degree in other STEM disciplines (biomedical science, biology, chemistry, physics, mathematics). This program is not an option for CECS students.

Degree Requirements

Math Foundations

11 Total Credits

- Complete the following:
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - MAC2313 - Calculus with Analytic Geometry III (4)
 - MAP2302 - Ordinary Differential Equations I (3)

Engineering Foundations

9 Total Credits

- Complete the following:
 - EGN3310 - Engineering Analysis-Statics (3)
 - EGN3321 - Engineering Analysis-Dynamics (3)
 - EGN3343 - Thermodynamics (3)

Mechanics Foundations

3 Total Credits

- Complete the following:
 - EGM3601 - Solid Mechanics (3)

Mechanics Electives

3 Total Credits

- Complete at least 1 of the following:
 - EML3022C - Introduction to Computer Aided Engineering (3)
 - EML3034C - Modeling Methods in Mechanical and Aerospace Engineering (3)
 - EML3262 - Kinematics of Mechanisms (3)
 - EML3303C - Mechanical Engineering Measurements (3)
 - EML3500 - Design and Analysis of Machine Components (3)

Grand Total Credits: **26**

Program Details

Biomedical Sciences (B.S.)

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

Program Type

Major

Program Contact Information

**College of Medicine
Burnett School of Biomedical Sciences
Health Sciences II (HS2), 335
407-823-5932
bsbsadvising@ucf.edu**

Director: Dr. Griffith Parks
Burnett Building at Lake Nona (BBS), 101K
407-823-5932

Admission Requirements

- Students who declare this major are admitted in a "Pending" status.
- In order for students to transition out of "Pending" status, they must earn a "C" or better in each of the following courses or their equivalents: BSC 2010C, CHM 2045C, CHM 2046, CHM 2210.

Program Description

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students should complete the General Education Program before transferring within the Florida College System or State University System.
- Grades below "C" in Common Program Prerequisites, Core Requirements and Restricted Electives are not accepted.
- Students in undergraduate majors within the College of Medicine are expected to consistently make good progress towards their degrees. Therefore, the COM/BSBS Progress Policy mandates that undergraduate students meet the requirements of the policy. Below are the specific requirements of the Progress Policy:
 - Students with 3 withdrawal (W) grades will be placed in a probationary status.
 - Students with 5 withdrawal (W) grades will meet with an advisor from the Knights Major Exploration and Transition Center for selection of a different major.
 - Medical withdrawals are not included in this withdrawal component.
 - Students who earned 5 low grades (C-, D, F, W, NC, U) will be placed on a probationary status and will meet with a peer mentor for major advising.
 - Students who earn more than 8 low grades (C-, D, F, W, NC, U), will meet with an advisor from Knights Major Exploration and Transition Center for selection of a different major.
 - Students with 2 unsuccessful attempts of the same UCF course will be placed on a probationary status and will meet with a peer mentor for major advising.
 - Students with 3 unsuccessful attempts of the same UCF course will meet with an advisor from the Knights Major Exploration and Transition Center for selection of a different major.
- Students should consult with a BSBS academic advisor at least one time each semester.

While many students discover that they have interests in varied disciplines at the University of Central Florida, they are not permitted to pursue two majors within the College of Medicine. College of Medicine students may declare a major and a minor within the college, or pursue a second major or minor in another academic college at UCF. Students are encouraged to meet with an academic advisor to discuss these opportunities.

General Education (GEP)

- Complete all of the following
 - Certain courses must be selected in GEP for this major, bringing the total GEP hours to more than 36.
Communication Foundations
 - Complete all of the following
 - Required:
 - Complete the following:
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Preferred:
 - Complete the following:

- SPC1603C - Fundamentals of Technical Presentations (3)

Cultural and Historical Foundations

- Earn at least 9 credits from the following course sets:

GEP 4- Historical & Cultural Foundation

- AMH2010 - U.S. History: 1492-1877 (3)
- EUH2000 - Western Civilization I (3)
- EUH2001 - Western Civilization II (3)
- HUM2020 - Encountering the Humanities (3)
- HUM2210 - Studies in Culture: Ancient to 17th Century (3)
- HUM2230 - Studies in Culture: 17th Century to Present (3)
- WOH2012 - World Civilization I (3)
- WOH2022 - World Civilization II (3)

GEP 5- Historical & Cultural Foundation

- ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
- ARH2050 - History of Western Art I (3)
- ARH2051 - History of Western Art II (3)
- FIL1000 - Cinema Survey (3)
- FIL2030 - History of Motion Pictures (3)
- FIL3036 - Film History I (3)
- FIL3037 - Film History II (3)
- LIT2110 - World Literature I (3)
- LIT2120 - World Literature II (3)
- MUH2017 - Survey of Rock Music (3)
- MUH2019 - American Popular Music, 1840s-present (3)
- MUL2016 - Evolution of Jazz (3)
- MUL2720 - Music of the World (3)
- PHI2010 - Introduction to Philosophy (3)
- REL2300 - World Religions (3)
- THE2000 - Theatre Survey (3)
- MUL2010 - Enjoyment of Music (3)

Mathematical Foundations

- Complete all of the following

- Required:
- Complete the following:
 - STA2023 - Statistical Methods I (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)

Social Foundations

- Earn at least 6 credits from the following course sets:

GEP 9- Social Foundation

- ANT2000 - General Anthropology (3)
- HSA2117 - Civic Engagement in the US Healthcare System (3)
- PSY2012 - General Psychology (3)
- SYG2000 - Introduction to Sociology (3)

GEP 10- Social Foundation

- AMH2020 - U.S. History: 1877-Present (3)
- ECO2013 - Principles of Macroeconomics (3)
- ECO2023 - Principles of Microeconomics (3)
- POS2041 - American National Government (3)

Science Foundations

- Complete all of the following

- Complete the following:
 - BSC2010C - Biology I (4)
 - CHM2045C - Chemistry Fundamentals I (4)
- CHM 2045C - Requires Passing Chemistry Placement Test or Prerequisites CHM 1025 and MAC 1105 with a C or better

Grand Total Credits: **39**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
 - Complete the following:
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHM2046 - Chemistry Fundamentals II (3)
 - CHM2046L - Chemistry Fundamentals Laboratory (1)
 - CHM2210 - Organic Chemistry I (3)
 - CHM2211 - Organic Chemistry II (3)
 - CHM2211L - Organic Laboratory Techniques I (2)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - STA 2023 - Statistical Methods I Credit Hours: 3 (GEP)
Select one of the following sequences of courses:
 - Complete 2 of the following
 - Earn at least 4 credits from the following course sets:
PHY 2053C
 - PHY2053C - College Physics I Studio (4)
PHY 2053 and 2053L
 - PHY2053 - College Physics I (3)
 - PHY2053L - College Physics I Laboratory (1)
 - Earn at least 4 credits from the following course sets:
PHY 2054C
 - PHY2054C - College Physics II Studio (4)
PHY 2054 and PHY 2054L
 - PHY2054 - College Physics II (3)
 - PHY2054L - College Physics II Laboratory (1)
 - Or
 - Earn at least 4 credits from the following course sets:
PHY 2048C
 - PHY2048C - General Physics Using Calculus I Studio (4)
PHY 2048 and 2048L
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2048L - General Physics Using Calculus I Laboratory (1)
 - Earn at least 4 credits from the following course sets:
PHY 2049C
 - PHY2049C - General Physics Using Calculus II Studio (4)
PHY 2049 and 2049L
 - PHY2049 - General Physics Using Calculus II (3)
 - PHY2049L - General Physics Using Calculus II Laboratory (1)

Grand Total Credits: **28**

Prerequisite Admission Courses

- Earn a minimum grade of C in each of the following:
 - BSC2010C - Biology I (4)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHM2046 - Chemistry Fundamentals II (3)
 - CHM2210 - Organic Chemistry I (3)

Degree Requirements

Core Requirements: Basic Level

8 Total Credits

- Complete all of the following
 - Math and Statistics
 - Complete all of the following
 - GEP:
 - MAC 2311C - Calculus with Analytic Geometry I Credit Hours: 4
 - STA 2023 - Statistical Methods I Credit Hours: 3
 - Chemistry
 - Complete the following:

- CHM2210 - Organic Chemistry I (3)
- CHM2211 - Organic Chemistry II (3)
- CHM2211L - Organic Laboratory Techniques I (2)

Core Requirements: Advanced Level
22 - 23 Total Credits

Biomedical Sciences

- Complete all of the following
 - The following core courses are for students completing the general Biomedical Science degree.
 - Life Sciences
 - Complete all of the following
 - Complete the following:
 - MCB3020C - General Microbiology (5)
 - BSC3403C - Quantitative Biological Methods (4)
 - PCB3522 - Molecular Biology I (3)
 - PCB4524 - Molecular Biology II (3)
 - Select one of the following sequences of courses:
 - Complete 1 of the following
 - Complete the following:
 - PCB4280 - Molecular Immunology (3)
 - PCB3233L - Immunology Laboratory (1)
 - Or
 - Complete the following:
 - PCB3233 - Immunology (3)
 - PCB3233L - Immunology Laboratory (1)
- Biochemistry
- Complete at least 1 of the following:
 - BCH4024 - Medical Biochemistry (4)
 - BCH4053 - Biochemistry I (3)

Restricted Electives
17 Total Credits

Biomedical Sciences Restricted Electives

- Complete all of the following
 - Select a minimum of five (5) courses from the list below. At least two (2) out of the five (5) must have a laboratory component. No more than two (2) may be MLS courses. Enrollment in some MLS courses is restricted. Check with an advisor before enrolling.
 - Students can only select two (2) of the following BCH 4054, BCH 4103L, PCB 3063, PCB 4514, ZOO 4603C.
 - As an alternative to one (1) of these listed electives, students can take part in a GEAR course, the PURE program, the PILOT course, or carry out an HIM thesis. Any one of these courses or programs will substitute for a restricted elective course with a laboratory component.
 - Additional restricted electives can be taken as approved by the Associate Director.
 - Earn at least 17 credits from the following:
 - BCH4054 - Biochemistry II (3)
 - BCH4103L - Biochemical Methods (2)
 - BOT4434C - General Mycology (4)
 - BSC3424 - Nanobiotechnology (3)
 - BSC4434 - Biomedical Informatics: Sequence Analysis (3)
 - BSC4439 - Biomedical Informatics: Structure Analysis (3)
 - MCB3202 - Principles of Infectious Disease (3)
 - MCB3203 - Pathogenic Microbiology (3)
 - MCB4404 - Bacterial Genetics and Physiology (3)
 - MCB4114C - Determinative & Systemic Microbiology (4)
 - MCB4207 - Infectious Processes (3)
 - MCB4204 - Cellular Microbiology: Host-Pathogen Interactions (3)
 - MCB4276 - Epidemiology of Infectious Diseases (3)
 - MCB4312 - Molecular Biotechnology (3)
 - MCB4503C - Virology (3)
 - MCB4603 - Environmental Microbiology (3)

- MCB4721C - Methods in Biotechnology (4)
- MCB4224 - Molecular Biology of Diseases (3)
- MCB4653 - Applied Industrial Microbiology (3)
- MLS3220C - Techniques in Clinical Microscopy (3)
- MLS3305 - Hematology (3)
- MLS4334 - Hemostasis (3)
- MLS4430C - Clinical Microbiology I (4)
- MLS4505 - Immunodiagnostics (3)
- MLS4625 - Advanced Clinical Chemistry I (3)
- MLS4630 - Clinical Chemistry II (3)
- PCB3063 - Genetics (3)
- PCB3703C - Human Physiology (4)
- PCB4028 - Molecular and Cellular Pharmacology (3)
- PCB4135 - Applied Molecular Cell Biology (3)
- PCB4174 - Foundation of Bio-Imaging Science (3)
- PCB4234 - Cancer Biology (3)
- PCB4264 - Stem Cell Biology (3)
- PCB4284 - Immunobiology (3)
- PCB4514 - Genetics II (3)
- PCB4521 - Tissue Engineering (3)
- PCB4529C - Experimental Molecular Cell Biology (4)
- PCB4663 - Human Genetics (3)
- PCB4708L - Laboratory Virtual Simulations in Physiology (3)
- PCB4805 - Endocrinology (3)
- PCB4832 - Cellular and Molecular Basis of Brain Functions (3)
- PCB4833 - Advanced Human Physiology (3)
- PCB4843 - Cellular and Molecular Neuroscience (3)
- PCB5275 - Signal Transduction Mechanics (3)
- ZOO4701 - Dissection Techniques (3)
- ZOO3733C - Human Anatomy (4)
- ZOO3744 - Neurobiology (3)
- ZOO3755C - Introductory Histology (4)
- ZOO4603C - Embryology/Development (5)
- ZOO4605 - Human Clinical Embryology and Congenital Malformation (3)
- ZOO4742 - Advanced Neurobiology (3)
- ZOO4743C - Clinical Neuroanatomy and Neuroscience (4)
- ZOO4747C - Clinical Neuroscience (4)
- ZOO4756C - Comparative Vertebrate Histology (4)
- ZOO5745C - Neuroanatomical Pathways and their Neurotransmitters (4)
- MCB4414 - Microbial Metabolism (3)
- MCB 5932 - Current Topics in Molecular Biology (1 - 99)
- MCB 4970H - Honors Undergraduate Thesis II Credit Hours: 3
- Recommended for Preprofessional students: BCH 4054, MCB 3202, MCB 4404, MCB 4207, MCB 4276, MCB 4312, MCB 4503C, MCB 4224, MLS 3305, MLS 4334, MLS 4430C, MLS 4505, PCB 3063, PCB 3703C, PCB 4028, PCB 4284, PCB 4514, PCB 4708L, PCB 4805, PCB 4832, PCB 4833, ZOO 4701, ZOO 3733C, ZOO 3744, ZOO 3755C, ZOO 4603C, ZOO 4605, ZOO 4742, ZOO 4743C, ZOO 4756C
- Students must take in order for the combination to count as 1 restricted elective: MCB 3203

Grand Total Credits: **47 - 48**

Program Details

Capstone Requirements

-
- None

Electives

-
- Variable. Students are encouraged to participate in undergraduate research if interested in pursuing graduate or professional education.

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- Students must complete all coursework in the baccalaureate curriculum as shown, and, earn a GPA of at least 2.0 for all coursework in the Core and Restricted Electives.
- Independent study, directed research, or similar credit may not be used as a Restricted Elective.
- A minimum of 20 hours must be taken at UCF in the department of the major.
- Students will be required to take a comprehensive test during their last semester.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- Application and admission through the Department and the Burnett Honors College.
- Fulfill University requirements for Honors in the Major and maintain a 3.2 UCF GPA; 3.5 in the major; 3.2 cumulative average for graded upper division courses regardless of the institution.
- Complete the following course with a grade of B or better (4 credits):
 - BSC 3403C - Quantitative Biological Methods **Credit Hours: 4**
- Complete the following with a grade of B or better and successfully complete the oral defense of the Honors Thesis (3 credits):
 - MCB 4970H - Honors Undergraduate Thesis II **Credit Hours: 1**

Related Programs

- Biology (B.S.)
- Biotechnology (B.S.)
- Chemistry (B.S.)
- Medical Laboratory Sciences (B.S.)

Certificates

- None

Related Minors

- Biology Minor
- Chemistry Minor

Advising Notes

- None

Transfer Notes

- Students who begin a two semester sequence course (e.g. General Chemistry) at a Florida College System institution are strongly encouraged to complete the sequence before transferring. If it will not be possible to complete the sequence before transferring, the student should postpone beginning the course until enrolling at UCF.
- Lower division courses do not substitute for upper division courses.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oemas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$39 per term
- Full-Time Student: \$78 per term

Plan of Study

Freshman Year - Fall (14 Credit Hours)

1 or follow math sequence determined by Math Placement Exam

- ENC 1101 - Composition I **Credit Hours: 3**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4 1**
- GEP **Credit Hours: 3**

Freshman Year - Spring (14 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**
- BSC 2010C - Biology I **Credit Hours: 4**
- GEP **Credit Hours: 3**

Sophomore Year - Fall (14 Credit Hours)

- CHM 2210 - Organic Chemistry I **Credit Hours: 3**
- MCB 3020C - General Microbiology **Credit Hours: 5**
- GEP **Credit Hours: 3**

Select One: (3 Credit Hours)

-
- STA 2023 - Statistical Methods I **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- CHM 2211 - Organic Chemistry II **Credit Hours: 3**
- BSC 3403C - Quantitative Biological Methods **Credit Hours: 4**
- GEP **Credit Hours: 3**
- Restricted Elective or Elective **Credit Hours: 3**

Select One: (3 Credit Hours)

- CHM 2211L - Organic Laboratory Techniques I **Credit Hours: 2**
- Elective **Credit Hours: 3**

Sophomore Year - Summer (9 Credit Hours)

- Restricted Elective or Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Select One: (3 Credit Hours)

- CHM 2211L - Organic Laboratory Techniques I **Credit Hours: 2**
- Elective **Credit Hours: 3**

Junior Year - Fall (13 Credit Hours)

- PCB 3522 - Molecular Biology I **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**

Select One: (3 Credit Hours)

1 Students electing to enroll in the PHY2048/2049 sequence must plan to accommodate MAC 2311/2312 as prerequisites

- PHY 2053C - College Physics I **Credit Hours: 4**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** 1

Junior Year - Spring (13 Credit Hours)

- PCB 4524 - Molecular Biology II **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**

Select One: (3 Credit Hours)

1 Students electing to enroll in the PHY2048/2049 sequence must plan to accommodate MAC 2311/2312 as prerequisites

- PHY 2054C - College Physics II **Credit Hours: 4**
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4** 1

Select One: (3 Credit Hours)

- PCB 3233L - Immunology Laboratory **Credit Hours: 1**
- and
- PCB 4280 - Molecular Immunology **Credit Hours: 3**
 - PCB 3233 - Immunology **Credit Hours: 3**
 - Restricted Elective **Credit Hours: 3**

Senior Year - Fall (12 Credit Hours)

- GEP **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**

Select One: (3 Credit Hours)

- MCB 4414 - Microbial Metabolism **Credit Hours: 3**
- BCH 4053 - Biochemistry I **Credit Hours: 3**

Select One: (3 Credit Hours)

- PCB 3233L - Immunology Laboratory **Credit Hours: 1**
- and
- PCB 4280 - Molecular Immunology **Credit Hours: 3**
 - PCB 3233 - Immunology **Credit Hours: 3**
 - Restricted Elective **Credit Hours: 3**

Senior Year - Spring (15 Credit Hours)

- Restricted Elective **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- GEP **Credit Hours: 3**

Select One: (3 Credit Hours)

- BCH 4053 - Biochemistry I **Credit Hours: 3**
- Elective **Credit Hours: 3**

Biomedical Sciences Minor

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

Program Type

Minor

Program Contact Information

College of Medicine
Burnett School of Biomedical Sciences
Health Sciences II (HS2), 335
 407-823-5932
bsbsadvising@ucf.edu

Director: Dr. Griffith Parks
 Burnett Building at Lake Nona (BBS), 101K
 407-823-5932

Program Description

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Required Courses

23 Total Credits

- Complete all of the following
 - Complete the following:
 - BSC2010C - Biology I (4)
 - MCB3020C - General Microbiology (5)
 - PCB3233L - Immunology Laboratory (1)
 - PCB3522 - Molecular Biology I (3)
 - PCB4524 - Molecular Biology II (3)
 - BSC3403C - Quantitative Biological Methods (4)
 - Complete at least 1 of the following:
 - PCB3233 - Immunology (3)
 - PCB4280 - Molecular Immunology (3)

Restricted Electives

7 Total Credits

- Earn at least 7 credits from the following types of courses:
At least two courses from the Restricted Elective category of the baccalaureate curriculum.

Grand Total Credits: **30**

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 30

Other Requirements

- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades less than "C-"(1.75) are not accepted.
- At least 15 hours used in the minor must be earned at UCF within the department.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit cannot be used toward the minor.

Biomedical Sciences, Neuroscience Track (B.S.)

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

Program Type

Major

Program Contact Information

College of Medicine
Burnett School of Biomedical Sciences
Health Sciences II (HS2), 335
407-823-5932
bsbsadvising@ucf.edu

Director: *Dr. Griffith Parks*
Burnett Building at Lake Nona (BBS), 101K
407-823-5932

Program Description

Admission Requirements

- Students who declare this major come in on a "Pending" status.
- In order for students to transition out of "Pending" status, they must earn a "C" or better in each of the following courses or their equivalents: BSC 2010C, CHM 2045C, CHM 2046, CHM 2210.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students should complete the General Education Program before transferring within the Florida College System or State University System.
- Grades below "C" in Common Program Prerequisites, Core Requirements and Restricted Electives are not accepted.
- Students in undergraduate majors within the College of Medicine are expected to consistently make good progress towards their degrees. Therefore, the COM/BSBS Progress Policy mandates that undergraduate students meet the requirements of the policy. Below are the specific requirements of the Progress Policy:
 - Students with 3 withdrawal (W) grades will be placed in a probationary status.
 - Students with 5 withdrawal (W) grades will meet with an advisor from the Knights Major Exploration and Transition Center for selection of a different major.
 - Medical withdrawals are not included in this withdrawal component.
 - Students who earned 5 low grades (C-, D, F, W, NC, U) will be placed on a probationary status and will meet with a peer mentor for major advising.
 - Students who earn more than 8 low grades (C-, D, F, W, NC, U), will meet with an advisor from Knights Major Exploration and Transition Center for selection of a different major.
 - Students with 2 unsuccessful attempts of the same UCF course will be placed on a probationary status and will meet with a peer mentor for major advising.
 - Students with 3 unsuccessful attempts of the same UCF course will meet with an advisor from the Knights Major Exploration and Transition Center for selection of a different major.
- Students in the Neuroscience track must maintain a minimum science GPA of 3.2. Students who are unable to maintain such GPA must revert back into the non-track Biomedical Sciences B.S.
- Students should consult with a BSBS academic advisor at least once a semester.

While many students discover that they have interests in varied disciplines at the University of Central Florida, they are not permitted to pursue two majors within the College of Medicine. College of Medicine students may declare a major and a minor within the college, or pursue a second major or minor in another academic college at UCF. Students are encouraged to meet with an academic advisor to discuss these opportunities.

General Education (GEP)

Communication Foundations
9 Total Credits

- Complete all of the following
 - Required:
 - Complete the following:
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)

Cultural & Historical Foundations

9 Total Credits

- Earn at least 9 credits from the following course sets:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)

Mathematical Foundations

7 Total Credits

- Complete all of the following
 - Required:
 - Complete the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - STA2023 - Statistical Methods I (3)

Social Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundations

8 Total Credits

- Complete all of the following
 - Required:
 - Complete the following:
 - BSC2010C - Biology I (4)
 - CHM2045C - Chemistry Fundamentals I (4)

- CHM 2045C - Requires Passing Chemistry Placement Test or Prerequisites CHM1025 and MAC 1105 with a C or better.

Grand Total Credits: **39**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
 - Complete the following:
 - BSC2011C - Biology II (4)
 - CHM2046 - Chemistry Fundamentals II (3)
 - CHM2046L - Chemistry Fundamentals Laboratory (1)
 - BSC 2010C - Biology I Credit Hours: 4 (GEP)
 - CHM 2045C - Chemistry Fundamentals I Credit Hours: 4 (GEP) (or take CHM 2040 and CHM 2041)
 - MAC 2311C - Calculus with Analytic Geometry I Credit Hours: 4 (GEP)
 - CHM 2210- Organic Chemistry I - 3 Credit Hours
 - CHM 2211- Organic Chemistry II - 3 Credit Hours
 - CHM 2211L- Organic Laboratory Techniques I - 3 Credit Hours
 - STA 2023 - Statistical Methods I Credit Hours: 3
 - Select one of the following sequences of courses:
 - Complete 2 of the following
 - Earn at least 4 credits from the following course sets:
 - PHY 2053C
 - PHY2053C - College Physics I Studio (4)
 - PHY 2053 and 2053L
 - PHY2053 - College Physics I (3)
 - PHY2053L - College Physics I Laboratory (1)
 - Earn at least 4 credits from the following course sets:
 - PHY 2054C
 - PHY2054C - College Physics II Studio (4)
 - PHY 2054 and PHY 2054L
 - PHY2054 - College Physics II (3)
 - PHY2054L - College Physics II Laboratory (1)
 - Or
 - Earn at least 4 credits from the following course sets:
 - PHY 2048C
 - PHY2048C - General Physics Using Calculus I Studio (4)
 - PHY 2048 and 2048L
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2048L - General Physics Using Calculus I Laboratory (1)
 - Earn at least 4 credits from the following course sets:
 - PHY 2049C
 - PHY2049C - General Physics Using Calculus II Studio (4)
 - PHY 2049 and 2049L
 - PHY2049 - General Physics Using Calculus II (3)
 - PHY2049L - General Physics Using Calculus II Laboratory (1)

Grand Total Credits: **16**

Degree Requirements

Core Requirements: Basic Level

8 Total Credits

No Rules

Math and Statistics

0 Total Credits

- Complete all of the following
 - MAC 2311C - Calculus with Analytic Geometry I Credit Hours: 4
 - STA 2023 - Statistical Methods I Credit Hours: 3

Chemistry

8 Total Credits

- Complete the following:
 - CHM2210 - Organic Chemistry I (3)
 - CHM2211 - Organic Chemistry II (3)
 - CHM2211L - Organic Laboratory Techniques I (2)

Core Requirements: Advanced Level

25 - 26 Total Credits

- Complete all of the following
 - Complete the following:
 - BSC3403C - Quantitative Biological Methods (4)
 - MCB3020C - General Microbiology (5)
 - PCB3522 - Molecular Biology I (3)
 - PCB3233L - Immunology Laboratory (1)
 - PCB4280 - Molecular Immunology (3)
 - PCB4524 - Molecular Biology II (3)
 - MCB4410 - Cellular Metabolism (3)
 - Complete at least 1 of the following:
 - BCH4024 - Medical Biochemistry (4)
 - BCH4053 - Biochemistry I (3)

Track Core Requirements

13 Total Credits

- Complete the following:
 - MCB4224 - Molecular Biology of Diseases (3)
 - PCB4843 - Cellular and Molecular Neuroscience (3)
 - ZOO3744 - Neurobiology (3)
 - ZOO4743C - Clinical Neuroanatomy and Neuroscience (4)

Grand Total Credits: **46 - 47**

Program Details

Restricted Electives

- Students must choose three (3) courses. Two (2) must come from the list below and one (1) course from the broader list of Restricted Electives under the Biomedical Sciences (no-track). Two (2) of these three (3) courses must have a laboratory component.
- As an alternative to one (1) of the three (3) restricted electives required, students can take part in a GEAR course, the PURE program, the PILOT course, or carry out an HIM thesis. Any one of these courses or programs will substitute for a restricted elective course with a laboratory component.
- Additional restricted electives can be taken as approved by the associate director.

- PCB 4028 - Molecular and Cellular Pharmacology **Credit Hours: 3**
- PCB 4135 - Applied Molecular Cell Biology **Credit Hours: 3**

- PCB 4174 - Foundation of Bio-Imaging Science **Credit Hours: 3**
- PCB 4234 - Cancer Biology **Credit Hours: 3**
- PCB 4284 - Immunobiology **Credit Hours: 3**
- PCB 4832 - Cellular and Molecular Basis of Brain Functions **Credit Hours: 3**
- ZOO 4742 - Advanced Neurobiology **Credit Hours: 3**
- ZOO 4747C - Clinical Neuroscience **Credit Hours: 4**

Capstone Requirements

- None

Electives

- Variable. Students are encouraged to participate in undergraduate research if interested in pursuing graduate or professional education.

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- Students must complete all coursework in the baccalaureate curriculum as shown and earn a GPA of at least 3.20 for all coursework in the sciences.
- Independent study, directed research or similar credit may not be used as a restricted elective.
- A minimum of 20 hours must be taken at UCF in the department of the major.
- Students will be required to take a comprehensive test during their last semester.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required: 120

Additional Information

Honors In Major

- Application and admissions through the Department and the Burnett Honors College.
- Fulfill University requirements for Honors in the Major and maintain a 3.2 UCF GPA; 3.5 in the major; 3.2 cumulative average for graded upper division courses regardless of the institution.

Complete the following course with a grade of B or better.

- BSC 3403C - Quantitative Biological Methods **Credit Hours: 4 1**

1 Honors Section

Complete the following with a grade of B or better and successfully complete the oral defense of the Honors Thesis.

- MCB 4970H - Honors Undergraduate Thesis II **Credit Hours: 1**

Related Programs

- Biology (B.S.)
- Biotechnology (B.S.)
- Medical Laboratory Sciences (B.S.)
- Chemistry, Biochemistry Track (B.S.)

Certificates

- None

Related Minors

- Biology Minor
- Chemistry Minor

Advising Notes

- None

Transfer Notes

- Students who begin a two semester sequence course (e.g. General Chemistry) at a Florida College System institution are strongly encouraged to complete the sequence before transferring. If it will not be possible to complete the sequence before transferring, the student should postpone beginning the course until enrolling at UCF.
- Lower division courses do not substitute for upper division courses.

Acceptable Substitutes for Transfer Courses

- CHM 2040 and CHM 2041 substitute CHM 2045C

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oemas.ucf.edu/alc/academic_learning_compacts.htm

Plan of Study

Freshman Year - Fall (14 Credit Hours)

- ENC 1101 - Composition I **Credit Hours: 3**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**
- General Education Program Course **Credit Hours: 3**

Freshman Year - Spring (14 Credit Hours)

- BSC 2010C - Biology I **Credit Hours: 4**
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**
- ENC 1102 - Composition II **Credit Hours: 3**
- General Education Program Course **Credit Hours: 3**

Sophomore Year - Fall (14 Credit Hours)

- CHM 2210 - Organic Chemistry I **Credit Hours: 3**
- MCB 3020C - General Microbiology **Credit Hours: 5**
- STA 2023 - Statistical Methods I **Credit Hours: 3**
- General Education Program Course **Credit Hours: 3**

Sophomore Year - Spring (15 Credit Hours)

- CHM 2211 - Organic Chemistry II **Credit Hours: 3**
- BSC 3403C - Quantitative Biological Methods **Credit Hours: 4**
- ZOO 3744 - Neurobiology **Credit Hours: 3**
- General Education Program Course **Credit Hours: 3**

Select One:

- CHM 2211L - Organic Laboratory Techniques I **Credit Hours: 2**
- Elective **Credit Hours: 3**

Sophomore Year - Summer (9 Credit Hours)

Select One:

-
- CHM 2211L - Organic Laboratory Techniques I **Credit Hours: 2**
 - Elective **Credit Hours: 3**
 - Elective **Credit Hours: 3**
 - Elective **Credit Hours: 3**

Junior Year - Fall (14 Credit Hours)

- PCB 3522 - Molecular Biology I **Credit Hours: 3**
- Restricted Elective **Credit Hours: 4**

Select One:

- PHY 2053C - College Physics I **Credit Hours: 4**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4**
- General Education Program Course **Credit Hours: 3**

Junior Year - Spring (14 Credit Hours)

- PCB 4524 - Molecular Biology II **Credit Hours: 3**
- PCB 4843 - Cellular and Molecular Neuroscience **Credit Hours: 3**
- PCB 4280 - Molecular Immunology **Credit Hours: 3**
- PCB 3233L - Immunology Laboratory **Credit Hours: 1**

Select One:

- PHY 2054C - College Physics II **Credit Hours: 4**
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4**

Senior Year - Fall (13 Credit Hours)

- ZOO 4743C - Clinical Neuroanatomy and Neuroscience **Credit Hours: 4**
- BCH 4053 - Biochemistry I **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Senior Year - Spring (13 Credit Hours)

- MCB 4224 - Molecular Biology of Diseases **Credit Hours: 3**
- MCB 4410 - Cellular Metabolism **Credit Hours: 3**
- Restricted Elective **Credit Hours: 4**
- Elective **Credit Hours: 3**

Biotechnology (B.S.)

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

Program Type

Major

Program Contact Information

College of Medicine
Burnett School of Biomedical Sciences
Health Sciences II (HS2), 335
407-823-5932
bsbsadvising@ucf.edu

Director: *Dr. Griffith Parks*
Burnett Building at Lake Nona (BBS), 101K
407-823-5932

Program Description

The Biotechnology B.S. produces highly trained workers that will meet the workforce needs of the biotechnology industry. Students seeking admission to professional schools (medical, dental, optometry, veterinary, podiatry, and pharmacy) will meet most of the admission requirements for those programs while obtaining a Biotechnology B.S. degree.

Admission Requirements

- Students who declare this major come in on a "Pending" status.
- In order for students to transition out of "Pending" status, they must earn a "C" or better in each of the following courses or their equivalents: BSC 2010C, CHM 2045C, CHM 2046, CHM 2210.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog
- Students should complete the General Education Program before transferring within the Florida College System or State University System.
- Students should consult with a BSBS academic advisor at least once per semester.
- Courses designated in section 1 below may be taken at a Florida College System institution, and should usually be completed in the first 60 hours
- Grades below "C" in Common Program Prerequisites, Core Requirements and Restricted Electives are not accepted.
- Students in undergraduate majors within the College of Medicine are expected to consistently make good progress towards their degrees. Therefore, the COM/BSBS Progress Policy mandates that undergraduate students meet the requirements of the policy. Below are the specific requirements of the Progress Policy:
 - Students with 3 withdrawal (W) grades will be placed in a probationary status.
 - Students with 5 withdrawal (W) grades will meet with an advisor from the Knights Major Exploration and Transition Center for selection of a different major.
 - Medical withdrawals are not included in this withdrawal component.
 - Students who earned 5 low grades (C-, D, F, W, NC, U) will be placed on a probationary status and will meet with a peer mentor for major advising.
 - Students who earn more than 8 low grades (C-, D, F, W, NC, U), will meet with an advisor from Knights Major Exploration and Transition Center for selection of a different major.
 - Students with 2 unsuccessful attempts of the same UCF course will be placed on a probationary status and will meet with a peer mentor for major advising.
 - Students with 3 unsuccessful attempts of the same UCF course will meet with an advisor from the Knights Major Exploration and Transition Center for selection of a different major.

While many students discover that they have interests in varied disciplines at the University of Central Florida, they are not permitted to pursue two majors within the College of Medicine. College of Medicine students may declare a major and a minor within the college, or pursue a second major or minor in another academic college at UCF. Students are encouraged to meet with an academic advisor to discuss these opportunities.

General Education (GEP)

Communication Foundations

9 Total Credits

- Complete all of the following
 - Required:
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Preferred:
 - Complete the following:
 - SPC1603C - Fundamentals of Technical Presentations (3)

Cultural & Historical Foundations

9 Total Credits

- Earn at least 9 credits from the following course sets:
GEP 4- Historical & Cultural Foundation

- AMH2010 - U.S. History: 1492-1877 (3)
- EUH2000 - Western Civilization I (3)
- EUH2001 - Western Civilization II (3)
- HUM2020 - Encountering the Humanities (3)
- HUM2210 - Studies in Culture: Ancient to 17th Century (3)
- HUM2230 - Studies in Culture: 17th Century to Present (3)
- WOH2012 - World Civilization I (3)
- WOH2022 - World Civilization II (3)

GEP 5- Historical & Cultural Foundation

- ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
- ARH2050 - History of Western Art I (3)
- ARH2051 - History of Western Art II (3)
- FIL1000 - Cinema Survey (3)
- FIL2030 - History of Motion Pictures (3)
- FIL3036 - Film History I (3)
- FIL3037 - Film History II (3)
- LIT2110 - World Literature I (3)
- LIT2120 - World Literature II (3)
- MUH2017 - Survey of Rock Music (3)
- MUH2019 - American Popular Music, 1840s-present (3)
- MUL2016 - Evolution of Jazz (3)
- MUL2720 - Music of the World (3)
- PHI2010 - Introduction to Philosophy (3)
- REL2300 - World Religions (3)
- THE2000 - Theatre Survey (3)
- MUL2010 - Enjoyment of Music (3)

Mathematical Foundations

6 - 7 Total Credits

- Complete all of the following
 - Required:
 - Complete the following:
 - STA2023 - Statistical Methods I (3)
 - Required:
 - Complete at least 1 of the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MAC2253 - Applied Calculus (3)

Social Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundations

8 Total Credits

- Complete all of the following
 - Required:
 - Complete the following:
 - CHM2045C - Chemistry Fundamentals I (4)
 - BSC2010C - Biology I (4)

Grand Total Credits: **38 - 39**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - See “Common Prerequisites” in the Transfer and Transitions Services section for more information.
 - Earn at least 21 credits from the following:
 - BSC2010C - Biology I (4)
 - BSC2011C - Biology II (4)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHM2046 - Chemistry Fundamentals II (3)
 - CHM2210 - Organic Chemistry I (3)
 - CHM2211 - Organic Chemistry II (3)
 - STA2023 - Statistical Methods I (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - PHY 2048C - General Physics Using Calculus I (or PHY2048 and PHY2048L) Credit Hours: 4
 - PHY 2049 - General Physics Using Calculus II (or PHY2049 and PHY2049L) Credit Hours: 4
 - Earn at least 4 credits from the following course sets:
 - GEP Courses: BSC 2010C, CHM 2045C, STA 2023, MAC 2311C
 - BSC 2011C - Requires Passing Chemistry Placement Test or Prerequisites of CHM 1025 and MAC 1105 with a C or better.
 - CHM 2045C - See Transfer Notes for possible substitutions.

Grand Total Credits: **25**

Degree Requirements

Core Requirements: Basic Level

0 Total Credits

- None

Core Requirements: Advanced Level (52 Credit Hours)

51 - 52 Total Credits

- 52 Credit Hours

Life Sciences

28 Total Credits

- Complete all of the following
 - Complete the following:
 - MCB3020C - General Microbiology (5)
 - PCB3522 - Molecular Biology I (3)
 - PCB4524 - Molecular Biology II (3)
 - MCB4720 - Industrial Perspectives Seminar (3)
 - MCB4312 - Molecular Biotechnology (3)
 - PCB4135 - Applied Molecular Cell Biology (3)
 - Complete at least 1 of the following:
 - BSC3403C - Quantitative Biological Methods (4)
 - MCB4721C - Methods in Biotechnology (4)
- Select one of the following sequences of courses:
- Complete 1 of the following
 - Complete the following:
 - PCB4280 - Molecular Immunology (3)
 - PCB3233L - Immunology Laboratory (1)
 - Or
 - Complete the following:
 - PCB3233 - Immunology (3)
 - PCB3233L - Immunology Laboratory (1)

Chemistry

6 Total Credits

- Complete the following:

- BCH4053 - Biochemistry I (3)
- CHM2046L - Chemistry Fundamentals Laboratory (1)
- CHM2211L - Organic Laboratory Techniques I (2)

Physics

8 Total Credits

Select one of the following sequences of courses:

- Complete 1 of the following
 - Complete the following:
 - PHY2053C - College Physics I Studio (4)
 - PHY2054C - College Physics II Studio (4)
 - Or
 - Complete the following:
 - PHY2048C - General Physics Using Calculus I Studio (4)
 - PHY2049C - General Physics Using Calculus II Studio (4)

Math

3 - 4 Total Credits

- Complete at least 1 of the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MAC2253 - Applied Calculus (3)

Restricted Electives

6 Total Credits

- Complete all of the following
 - Two courses minimum, no more than one may be taken outside the Burnett School of Biomedical Sciences. Each graduate must complete 3 credits of MCB 4912 or MCB 4970H or serve an internship. Only three hours of Honors thesis or undergraduate research will count toward the restrictive elective requirement.
 - Those students who do not qualify for MCB 4970H may elect MCB 4912 Undergraduate Research as a substitute course, but a research report must be submitted to instructor after completion of research project.
 - Additional restricted electives can be taken as approved by the associate director.
 - Earn at least 6 credits from the following:
 - BCH4054 - Biochemistry II (3)
 - BCH4103L - Biochemical Methods (2)
 - MCB3203 - Pathogenic Microbiology (3)
 - MCB4404 - Bacterial Genetics and Physiology (3)
 - MCB4204 - Cellular Microbiology: Host-Pathogen Interactions (3)
 - PCB4284 - Immunobiology (3)
 - MCB4503C - Virology (3)
 - MCB4603 - Environmental Microbiology (3)
 - PCB3063 - Genetics (3)
 - PCB3703C - Human Physiology (4)
 - PCB4234 - Cancer Biology (3)
 - PCB4521 - Tissue Engineering (3)
 - PCB4805 - Endocrinology (3)
 - MCB4414 - Microbial Metabolism (3)
 - MCB 4912 - Directed Independent Research Credit Hours: 3
 - MCB 4970H - Honors Undergraduate Thesis II Credit Hours: 3
 - MCB 5225 - Molecular Biology of Disease Credit Hours: 3
 - MCB 5505 - Molecular Virology Credit Hours: 3
 - MCB 5654C - Applied Industrial Microbiology Credit Hours: 3
 - MCB 5932 - Current Topics in Molecular Biology Credit Hours: 3
 - PCB 5275 - Signal Transduction Mechanics Credit Hours: 3

Grand Total Credits: **51 - 52**

Program Details

Capstone Requirements

-
- None

Electives

- Variable

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- A student must complete all coursework in the baccalaureate curriculum as shown, and, earn a GPA of at least 2.0 for all coursework in the Prerequisites, Core and Restricted Electives
- A minimum of 20 hours must be taken at UCF in the department of the major
- Students will be required to take a comprehensive test during their last semester

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- Application and admission through the department and the Burnett Honors College
- Fulfill University requirements for Honors in the Major and maintain a 3.2 UCF GPA; 3.5 in the major; 3.2 cumulative average for graded upper division courses regardless of the institution
- Complete the following with a grade of B or better and successfully complete the oral defense of the Honors Thesis MCB 4970H Honors Undergraduate Thesis II **Credit Hours: 3**

Related Programs

- Biology (B.S.)
- Chemistry (B.S.)
- Medical Laboratory Sciences (B.S.)
- Biomedical Sciences (B.S.)

Certificates

- None

Related Minors

- Biology Minor
- Chemistry Minor
- Biomedical Sciences Minor

Advising Notes

- None

Transfer Notes

- Students who begin a two semester sequence course (e.g. General Chemistry) at a Florida College System institution are strongly encouraged to complete the sequence before transferring. If it will not be possible to complete the sequence before transferring, the student should postpone beginning the course until enrolling at UCF.

Acceptable Substitutes for Transfer Courses

- Substitutes for Common Program Prerequisites
 - MAC X311 or MAC X233 or MAC X353 or MAC X281
 - PHY X253C & PHY X054C or PHY X048/X048L & PHY X049/X049L
 - STA X023 or STA X122 or STA X014 or STA X024 or STA X321

Acceptable Substitutes

- CHM 2045C may be substituted with CHM 2040 and CHM 2041 **Credit Hours: 4**
- BSC 2011C - Biology II **Credit Hours: 4** may be substituted with: BSC 3403C
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** may be substituted with: CHM 2040
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4** may be substituted with: CHM 2041

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$39 per term
- Full-Time Student: \$78 per term

Plan of Study

Freshman Year - Fall (14 Credit Hours)

1 or follow math sequence determined by Math Placement Exam

- ENC 1101 - Composition I **Credit Hours: 3**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** 1
- GEP **Credit Hours: 3**

Freshman Year - Spring (14 Credit Hours)

- ENC 1102 - Composition II **Credit Hours: 3**
- BSC 2010C - Biology I **Credit Hours: 4**
- CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
- CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**
- GEP **Credit Hours: 3**

Sophomore Year - Fall (14 Credit Hours)

- CHM 2210 - Organic Chemistry I **Credit Hours: 3**
- MCB 3020C - General Microbiology **Credit Hours: 5**
- GEP **Credit Hours: 3**

Select One: (3 Credit Hours)

- STA 2023 - Statistical Methods I **Credit Hours: 3**
- CGS 1060C - Introduction to Computers **Credit Hours: 3**

Sophomore Year - Spring (16 Credit Hours)

- CHM 2211 - Organic Chemistry II **Credit Hours: 3**
- BSC 3403C - Quantitative Biological Methods **Credit Hours: 4**
- GEP **Credit Hours: 3**
- Restricted Elective or Elective **Credit Hours: 3**

Select One: (3 Credit Hours)

- CHM 2211L - Organic Laboratory Techniques I **Credit Hours: 2**
- Elective **Credit Hours: 3**

Sophomore Year - Summer (9 Credit Hours)

- Restricted Elective or Elective **Credit Hours: 3**
- Elective **Credit Hours: 3**

Select One: (3 Credit Hours)

- CHM 2211L - Organic Laboratory Techniques I **Credit Hours: 2**
- Elective **Credit Hours: 3**

Junior Year - Fall (13 Credit Hours)

- PCB 3522 - Molecular Biology I **Credit Hours: 3**
- MCB 4720 - Industrial Perspectives Seminar **Credit Hours: 3**
- GEP **Credit Hours: 3**

Select One: (4 Credit Hours)

1 *Students electing to enroll in the [\[\[permalink=1050|tooltip:{'title':1}\]\]%prefix% %code%\[\[/permalink\]\]](#)/[\[\[permalink=1154|tooltip:{'title':1}\]\]%prefix% %code%\[\[/permalink\]\]](#) sequence must plan to accommodate [\[\[permalink=986|tooltip:{'title':1}\]\]%prefix% %code%\[\[/permalink\]\]](#)/[\[\[permalink=985|tooltip:{'title':1}\]\]%prefix% %code%\[\[/permalink\]\]](#) as prerequisites.

- PHY 2053C - College Physics I **Credit Hours: 4**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4** 1

Junior Year - Spring (15 Credit Hours)

- PCB 4524 - Molecular Biology II **Credit Hours: 3**
- PCB 4280 - Molecular Immunology **Credit Hours: 3**
- PCB 3233L - Immunology Laboratory **Credit Hours: 1**
- PCB 4529C - Experimental Molecular Cell Biology **Credit Hours: 4**

Select One: (4 Credit Hours)

1 *Students electing to enroll in the [\[\[permalink=1050|tooltip:{'title':1}\]\]%prefix% %code%\[\[/permalink\]\]](#)/[\[\[permalink=1154|tooltip:{'title':1}\]\]%prefix% %code%\[\[/permalink\]\]](#) sequence must plan to accommodate [\[\[permalink=986|tooltip:{'title':1}\]\]%prefix% %code%\[\[/permalink\]\]](#)/[\[\[permalink=985|tooltip:{'title':1}\]\]%prefix% %code%\[\[/permalink\]\]](#) as prerequisites.

- PHY 2054C - College Physics II **Credit Hours: 4**
- PHY 2049C - General Physics Using Calculus II **Credit Hours: 4** 1

Senior Year - Fall (13 Credit Hours)

- MCB 4721C - Methods in Biotechnology **Credit Hours: 4**
- MCB 4312 - Molecular Biotechnology **Credit Hours: 3**
- Restricted Elective or Elective **Credit Hours: 3**

Select One: (3 Credit Hours)

- BCH 4053 - Biochemistry I **Credit Hours: 3**
- MCB 4414 - Microbial Metabolism **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- PCB 4174 - Foundation of Bio-Imaging Science **Credit Hours: 3**
- GEP **Credit Hours: 3**
- Restricted Elective or Elective **Credit Hours: 3**

Select One: (3 Credit Hours)

- BCH 4053 - Biochemistry I **Credit Hours: 3**

For students who transfer in their junior year

- For students who transfer in their junior year from a Florida College System institution, the revised sequence of courses is provided [it is assumed that GEP and physics will be completed at an FCS institution:

Junior Year - Fall

Students electing to enroll in the [\[\[permalink=1050|tooltip:{'title':1}\]\]%prefix% %code%\[\[/permalink\]\]](#)/[\[\[permalink=1154|tooltip:{'title':1}\]\]%prefix% %code%\[\[/permalink\]\]](#) sequence must plan to accommodate [\[\[permalink=986|tooltip:{'title':1}\]\]%prefix% %code%\[\[/permalink\]\]](#)/[\[\[permalink=985|tooltip:{'title':1}\]\]%prefix% %code%\[\[/permalink\]\]](#) as prerequisites.

- MCB 3020C - General Microbiology **Credit Hours: 5**
- MCB 4720 - Industrial Perspectives Seminar **Credit Hours: 3**
- Restricted Elective **Credit Hours: 3**
- Free Elective **Credit Hours: 3**

Junior Year - Spring

-
- PCB 3522 - Molecular Biology I **Credit Hours: 3**
 - BSC 3403C - Quantitative Biological Methods **Credit Hours: 4**
 - BCH 4053 - Biochemistry I **Credit Hours: 3**
 - Restricted Elective **Credit Hours: 3**

Senior Year - Fall

- MCB 4414 - Microbial Metabolism **Credit Hours: 3**
- MCB 4721C - Methods in Biotechnology **Credit Hours: 4**
- MCB 4312 - Molecular Biotechnology **Credit Hours: 3**
- Elective 3000 level **Credit Hours: 3**

Senior Year - Spring

- PCB 4524 - Molecular Biology II **Credit Hours: 3**
- PCB 4280 - Molecular Immunology **Credit Hours: 3**
- PCB 3233L - Immunology Laboratory **Credit Hours: 1**
- PCB 4529C - Experimental Molecular Cell Biology **Credit Hours: 4**
- PCB 4174 - Foundation of Bio-Imaging Science **Credit Hours: 3**

Medical Laboratory Sciences (B.S.)

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

Program Type

Major

Program Contact Information

College of Medicine:
Burnett School of Biomedical Sciences
Health Sciences II (HS2) 335
407-823-5932
bsbsadvising@ucf.edu

Director: *Dr. Griffith Parks*
407-823-5932

Program Director: *Dorilyn Hitchcock*
407-823-5932

Admission Requirements

- Acceptance to the university does not necessarily constitute admission to the upper division Medical Laboratory Sciences program.
- Separate application to the limited access program should be made directly to the program in the Spring of the year admission is sought. Applications will be accepted until the class is filled.
- UCF application must also be submitted prior to program application. Acceptance to UCF is necessary before acceptance to the program can occur.
- Student must complete all general education, foreign language admissions, and program prerequisites prior to the start of the program.
- This limited access program is work-intensive and courses include clinical practice in a variety of settings. Due to this, it is strongly recommended that students be at least one-year post high school prior to applying to the program. Students with concerns or questions should contact the program to schedule an appointment with an advisor.
- All applicants must have a minimum overall GPA of 2.5, and complete all program prerequisite courses with at least a grade of "C" (2.0).

Program Description

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students in this major are subject to the Progress Policy set by the College of Medicine for its undergraduate students. For more information, visit <https://med.ucf.edu/biomed/undergraduate-programs/undergraduate-advising/>.
- Students should complete the General Education Program, Foreign Language Admissions and the Common Program Prerequisite Requirements before transferring within the Florida College System or State University System.
- Students should consult with a departmental advisor.
- The courses designated in sections 1 and 2 below may be taken at a Florida College System institution, and should usually be completed in the first 60 hours.
- A minimum overall GPA of 2.5 and a minimum grade of "C" (2.0) in prerequisite and major courses is required for admission to, continuation in, and graduation from the Medical Laboratory Sciences Program.
- UCF Residency Requirement: 32 hours.
- The courses designated in General Education and Common Program Prerequisites should usually be completed in the first 60 hours.
- An FDLE background check, negative drug screen, and Board of Clinical Lab Personnel trainee license are required.

While many students discover that they have interests in varied disciplines at the University of Central Florida, they are not permitted to pursue two majors within the College of Medicine. College of Medicine students may declare a major and a minor within the college, or pursue a second major or minor in another academic college at UCF. Students are encouraged to meet with an academic advisor to discuss these opportunities.

General Education (GEP)

- Complete all of the following
 - Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)

- EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
- Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - GEP 6- Historical & Cultural Foundation - choose a course from GEP 4 or GEP 5
- Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
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 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - MAC 1105C - College Algebra (Preferred)
 - GEP 8- Mathematical Foundation
 - Complete the following:

- STA2023 - Statistical Methods I (3)
- Complete all of the following
 - Complete at least 1 courses from the following:
GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - Complete at least 1 courses from the following:
GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
- Complete all of the following
 - GEP 11 & 12- Science Foundation
 - Complete the following:
 - CHM2045C - Chemistry Fundamentals I (4)
 - BSC2010C - Biology I (4)

Grand Total Credits: **38 - 39**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information. In addition to BSC 2010C, STA 2023, and CHM 2045C from the GEP:
 - Complete the following:
 - ZOO3733C - Human Anatomy (4)
 - MCB3020C - General Microbiology (5)
 - PCB3703C - Human Physiology (4)
 - See Transfer Notes for ZOO 3733C - Human Anatomy MCB 3020C - General Microbiology AND PCB 3703C - Human Physiology
 - Earn at least 4 credits from the following:
 - CHM2046 - Chemistry Fundamentals II (3)
 - CHM2046L - Chemistry Fundamentals Laboratory (1)
 - Complete the following:
 - CHM2210 - Organic Chemistry I (3)
 - CHM2211 - Organic Chemistry II (3)
 - CHM2211L - Organic Laboratory Techniques I (2)

Grand Total Credits: **25**

Degree Requirements

Core Requirements: Advanced Level
64 Total Credits

- Complete the following:
 - MLS3220C - Techniques in Clinical Microscopy (3)
 - MLS4625 - Advanced Clinical Chemistry I (3)
 - MLS4625L - Advanced Clinical Chem I Lab (1)
 - MLS4630 - Clinical Chemistry II (3)
 - PCB3233 - Immunology (3)
 - MLS4430C - Clinical Microbiology I (4)
 - MLS3305 - Hematology (3)
 - MLS4505 - Immunodiagnostics (3)
 - MLS4910 - Introduction to Clinical Research (2)
 - MLS4550C - Clinical Immunohematology (5)
 - MLS4460C - Clinical Microbiology II (5)
 - MLS4334 - Hemostasis (3)
 - MLS4625 - Advanced Clinical Chemistry I (3)
 - PCB3233L - Immunology Laboratory (1)
 - MLS4933 - MLS Senior Seminar (1)
 - MLS3705 - Concepts in Education/Management (3)
 - MLS4830L - Clinical Chemistry Laboratory Practicum (3)
 - MLS4831L - Immunohematology Laboratory Practicum (3)
 - MLS4832L - Interpretive & Practical Hematology (4)
 - MLS4833L - Microbiology Laboratory Practicum (3)
 - MLS4075L - Clinical Applications of Laboratory Automation (1)
 - BSC3403C - Quantitative Biological Methods (4)

Grand Total Credits: **64**

Program Details

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- A minimum 2.5 overall GPA is required for clinical assignment.
- The degree in Medical Laboratory Sciences will be awarded upon satisfactory completion of the University's didactic component and the clinical component in affiliated hospital laboratories.
- Upon receiving the degree in Medical Laboratory Sciences, the graduate will be eligible to take a national certification examination and then qualify for State Licensure. For more information, please go to:

<https://apq.ucf.edu/files/Licensure-Disclosure-COM-Medical-Laboratory-Sciences-BS.pdf>

- Students must earn a grade of "C" (2.0) or higher in required courses with a minimum 2.5 overall GPA for graduation.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 126

Additional Information

Honors In Major

- None

Related Programs

- Biomedical Sciences (B.S.)
- Biology (B.S.)
- Chemistry (B.S.)

Certificates

- None

Related Minors

- Biomedical Sciences Minor
- Biology Minor
- Chemistry Minor

Advising Notes

- None

Transfer Notes

- Students that transfer with an AA degree and will be pursuing a BS degree must meet the University foreign language admission requirements for graduation.

Acceptable Substitutes for Transfer Courses

- Human Anatomy and Physiology I and II (BSC 2093/BSC 2094) **Credit Hours: 8**
- MCB 2010C is acceptable as the Microbiology prerequisite for this degree.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alac/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$39 per term
- Full-Time Student: \$78 per term

Molecular and Cellular Biology B.S.

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

Program Type

Major

Program Contact Information

College of Medicine

Burnett School of Biomedical Sciences

Health Sciences II (HS2), 335

407-823-5932

bsbsadvising@ucf.edu

Director: Dr. Griffith Parks

Burnett Building at Lake Nona (BBS), 101K

407-823-5932

Program Description

Admission Requirements

- Students who declare this major come in on a "Pending" status.
- In order for students to transition out of "Pending" status, students must earn a "C" or better in each of the following courses or their equivalents: BSC 2010C, CHM 2045C, CHM 2046, CHM 2210; and earn a "B" or better in BSC 3403C
-

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students should complete the General Education Program before transferring within the Florida College System or State University System.
- Grades below "C" in Common Program Prerequisites, Core Requirements and Restricted Electives are not accepted.
- Students in undergraduate majors within the College of Medicine are expected to consistently make good progress towards their degrees. Therefore, the COM/BSBS Progress Policy mandates that undergraduate students meet the requirements of the policy. Below are the specific requirements of the Progress Policy:
 - Students with 3 withdrawal (W) grades will be placed in a probationary status.
 - Students with 5 withdrawal (W) grades will meet with an advisor from the Knights Major Exploration and Transition Center for selection of a different major.
 - Medical withdrawals are not included in this withdrawal component.
 - Students who earned 5 low grades (C-, D, F, W, NC, U) will be placed on a probationary status and will meet with a peer mentor for major advising. Students who earn more than 8 low grades (C-, D, F, W, NC, U), will meet with an advisor from Knights Major Exploration and Transition Center for selection of a different major.
 - Students with 2 unsuccessful attempts of the same UCF course will be placed on a probationary status and will meet with a peer mentor for major advising.
 - Students with 3 unsuccessful attempts of the same UCF course will meet with an advisor from the Knights Major Exploration and Transition Center for selection of a different major.
- Students in this program must maintain a minimum science GPA of 3.0 to maintain status in the program. Students who are unable to maintain such GPA, the student will have to revert back into the Biomedical Sciences B.S.
- Students should consult with a BSBS academic advisor at least once per semester.

While many students discover that they have interests in varied disciplines at the University of Central Florida, they are not permitted to pursue two majors within the College of Medicine. College of Medicine students may declare a major and a minor within the college, or pursue a second major or minor in another academic college at UCF. Students are encouraged to meet with an academic advisor to discuss these opportunities.

General Education (GEP)

Communication Foundations

9 Total Credits

- Complete all of the following
 - Required:
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Preferred:
 - Complete the following:
 - SPC1603C - Fundamentals of Technical Presentations (3)

Cultural and Historical Foundations

9 Total Credits

- Earn at least 9 credits from the following course sets:
 - GEF 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)

- EUH2000 - Western Civilization I (3)
- EUH2001 - Western Civilization II (3)
- HUM2020 - Encountering the Humanities (3)
- HUM2210 - Studies in Culture: Ancient to 17th Century (3)
- HUM2230 - Studies in Culture: 17th Century to Present (3)
- WOH2012 - World Civilization I (3)
- WOH2022 - World Civilization II (3)

GEP 5- Historical & Cultural Foundation

- ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
- ARH2050 - History of Western Art I (3)
- ARH2051 - History of Western Art II (3)
- FIL1000 - Cinema Survey (3)
- FIL2030 - History of Motion Pictures (3)
- FIL3036 - Film History I (3)
- FIL3037 - Film History II (3)
- LIT2110 - World Literature I (3)
- LIT2120 - World Literature II (3)
- MUH2017 - Survey of Rock Music (3)
- MUH2019 - American Popular Music, 1840s-present (3)
- MUL2016 - Evolution of Jazz (3)
- MUL2720 - Music of the World (3)
- PHI2010 - Introduction to Philosophy (3)
- REL2300 - World Religions (3)
- THE2000 - Theatre Survey (3)
- MUL2010 - Enjoyment of Music (3)

Mathematical Foundations

7 Total Credits

- Complete all of the following
 - Required:
 - Complete the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - STA2023 - Statistical Methods I (3)

Social Foundations

6 Total Credits

- Earn at least 6 credits from the following course sets:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundations

8 Total Credits

- Complete all of the following
 - Required:
 - Complete the following:
 - CHM2045C - Chemistry Fundamentals I (4)
 - BSC2010C - Biology I (4)
 - *CHM 2045C- Requires Passing Chemistry Placement Test or Prerequisites CHM 1025 and MAC 1105 with a C or better.
 - *CHM 2045C - or take CHM 2040 and CHM 2041

Grand Total Credits: **39**

Common Program Prerequisites (CPP) (If applicable)

16 Total Credits

- Complete all of the following
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information.
 - Earn at least 8 credits from the following:
 - BSC2010C - Biology I (4)
 - BSC2011C - Biology II (4)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHM2046 - Chemistry Fundamentals II (3)
 - CHM2046L - Chemistry Fundamentals Laboratory (1)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - CHM2210 - Organic Chemistry I (3)
 - CHM2211 - Organic Chemistry II (3)
 - CHM2211L - Organic Laboratory Techniques I (2)
 - STA2023 - Statistical Methods I (3)

Physics: Select one of the following:

- Complete 1 of the following
 - Complete all of the following
 - Earn at least 4 credits from the following course sets:
PHY 2053C
 - PHY2053C - College Physics I Studio (4)
 - PHY 2053 and 2053L
 - PHY2053 - College Physics I (3)
 - PHY2053L - College Physics I Laboratory (1)
 - Earn at least 4 credits from the following course sets:
PHY 2054C
 - PHY2054C - College Physics II Studio (4)
 - PHY 2054 and PHY 2054L
 - PHY2054 - College Physics II (3)
 - PHY2054L - College Physics II Laboratory (1)
- Complete all of the following
 - Earn at least 4 credits from the following course sets:
PHY 2048C
 - PHY2048C - General Physics Using Calculus I Studio (4)
 - PHY 2048 and 2048L
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2048L - General Physics Using Calculus I Laboratory (1)
- Earn at least 4 credits from the following course sets:
PHY 2049C
 - PHY2049C - General Physics Using Calculus II Studio (4)
- PHY 2049 and 2049L
 - PHY2049 - General Physics Using Calculus II (3)
 - PHY2049L - General Physics Using Calculus II Laboratory (1)

Grand Total Credits: **16**

Degree Requirements

Core Requirements: Basic Level

15 Total Credits

No Rules

Math and Statistics

7 Total Credits

- Complete all of the following
 - Complete the following:
 - STA2023 - Statistical Methods I (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - GEP Course: MAC 2311C

Chemistry

8 Total Credits

- Complete the following:
 - CHM2210 - Organic Chemistry I (3)
 - CHM2211 - Organic Chemistry II (3)
 - CHM2211L - Organic Laboratory Techniques I (2)

Core Requirements: Advanced Level

36 - 40 Total Credits

- Complete all of the following
 - Complete the following:
 - PCB4529C - Experimental Molecular Cell Biology (4)
 - BSC3403C - Quantitative Biological Methods (4)
 - PCB3023 - Molecular Cell Biology (3)
 - PCB3522 - Molecular Biology I (3)
 - PCB3233L - Immunology Laboratory (1)
 - Complete at least 1 of the following:
 - PCB3063 - Genetics (3)
 - PCB4663 - Human Genetics (3)
 - Required:
 - Complete the following:
 - PCB4280 - Molecular Immunology (3)
 - PCB4524 - Molecular Biology II (3)
 - Complete at least 1 of the following:
 - BCH4024 - Medical Biochemistry (4)
 - BCH4053 - Biochemistry I (3)

Restricted Electives

9 - 12 Total Credits

- Complete all of the following
 - Students must choose three (3) restricted electives from the list below.
 - At least one (1) of these restricted elective courses must have a laboratory component.
 - As an alternative to one of these restricted electives, students can take part in a GEAR course, the PURE program, the PILOT course, or carry out an HIM thesis. Any one of these courses or programs will substitute for one (1) restricted elective course with a laboratory component.
 - Additional restricted electives can be taken as approved by the associate director.
 - Complete at least 3 of the following:
 - PCB4028 - Molecular and Cellular Pharmacology (3)
 - PCB4234 - Cancer Biology (3)
 - BSC4434 - Biomedical Informatics: Sequence Analysis (3)
 - MCB4224 - Molecular Biology of Diseases (3)
 - MCB4721C - Methods in Biotechnology (4)
 - PCB4663 - Human Genetics (3)
 - PCB4174 - Foundation of Bio-Imaging Science (3)
 - PCB3703C - Human Physiology (4)
 - PCB4521 - Tissue Engineering (3)
 - PCB4264 - Stem Cell Biology (3)
 - PCB4284 - Immunobiology (3)
 - PCB4813 - Molecular Aspects of Obesity, Diabetes & Metabolism (3)
 - ZOO3744 - Neurobiology (3)
 - PCB4805 - Endocrinology (3)
 - PCB4832 - Cellular and Molecular Basis of Brain Functions (3)
 - PCB4833 - Advanced Human Physiology (3)
 - PCB4843 - Cellular and Molecular Neuroscience (3)
 - ZOO4742 - Advanced Neurobiology (3)
 - ZOO4753C - Human Histology (4)

Grand Total Credits: **51 - 55**

Program Details

Capstone Requirements

- None

Electives

- Variable. Students are encouraged to participate in undergraduate research if interested in pursuing graduate or professional education.

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- Students must complete all coursework in the baccalaureate curriculum as shown and earn a GPA of at least 3.2 in the sciences.
- Independent study, directed research or similar credit may not be used as a restricted elective.
- A minimum of 20 hours must be taken at UCF in the department of the major.
- Students will be required to take a comprehensive test during their last semester.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.

- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Honors In Major

Application and admission through the Department and the Burnett Honors College.

Fulfill University requirements for Honors in the Major and maintain a 3.2 UCF GPA; 3.5 in the major; 3.2 cumulative average for graded upper division courses regardless of institution.

Complete the following course with a grade of B or better

1 Honors section

- BSC 3403C - Quantitative Biological Methods **Credit Hours: 4 1**

Honors Thesis (3 Credit Hours)

Complete the following with a grade of B or better and successfully complete the oral defense of the Honors Thesis

- MCB 4970H - Honors Undergraduate Thesis II **Credit Hours: 1**

Additional Information

Related Programs

- Biology (B. S.)
- Biotechnology (B. S.)
- Medical Laboratory Sciences (B. S.)
- Chemistry, Biochemistry Track (B. S.)

Certificates

- None

Related Minors

- Biology Minor
- Chemistry Minor

Advising Notes

- None

Transfer Notes

- Students who begin a two semester sequence course (e. g. General Chemistry) at a Florida College System institution are strongly encouraged to complete the sequence before transferring. If it will not be possible to complete the sequence before transferring, the student should postpone beginning the course until enrolling at UCF.
- Lower division courses do not substitute for upper division courses.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Molecular Microbiology (B.S.)

College

College of Medicine

Department

College of Medicine Burnett School of Biomedical Sciences

Program Type

Major

Program Contact Information

College of Medicine
Burnett School of Biomedical Sciences
Health Sciences II (HS2), 335
407-823-5932
bsbsadvising@ucf.edu

Director: Dr. Griffith Parks
Burnett Building at Lake Nona (BBS), 101K
407-823-5932

Program Description

Admission Requirements

- Students who declare this major come in on a "Pending" status.
- In order for students to transition out of "Pending" status, they must earn a "C" or better in each of the following courses or their equivalents: BSC 2010C, CHM 2045C, CHM 2046, CHM 2210; and earn a "B" or better in MCB 3020C.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students should complete the General Education Program before transferring within the Florida College System or State University System.
- Grades below "C" in Common Program Prerequisites, Core Requirements and Restricted Electives are not accepted.
- Students in undergraduate majors within the College of Medicine are expected to consistently make good progress towards their degrees. Therefore, the COM/BSBS Progress Policy mandates that undergraduate students meet the requirements of the policy. Below are the specific requirements of the Progress Policy:
 - Students with 3 withdrawal (W) grades will be placed in a probationary status.
 - Students with 5 withdrawal (W) grades will meet with an advisor from the Knights Major Exploration and Transition Center for selection of a different major.
 - Medical withdrawals are not included in this withdrawal component.
 - Students who earned 5 low grades (C-, D, F, W, NC, U) will be placed on a probationary status and will meet with a peer mentor for major advising.
 - Students who earn more than 8 low grades (C-, D, F, W, NC, U), will meet with an advisor from Knights Major Exploration and Transition Center for selection of a different major.
 - Students with 2 unsuccessful attempts of the same UCF course will be placed on a probationary status and will meet with a peer mentor for major advising.
 - Students with 3 unsuccessful attempts of the same UCF course will meet with an advisor from the Knights Major Exploration and Transition Center for selection of a different major.
- Students in this program must maintain a minimum science GPA of 3.0 to maintain status. Students who are unable to maintain such GPA, the student will have to revert back into the Biomedical Sciences B.S.
- Students should consult with a BSBS academic advisor at least once per semester.

While many students discover that they have interests in varied disciplines at the University of Central Florida, they are not permitted to pursue two majors within the College of Medicine. College of Medicine students may declare a major and a minor within the college, or pursue a second major or minor in another academic college at UCF. Students are encouraged to meet with an academic advisor to discuss these opportunities.

General Education (GEP)

Communications Foundation

9 Total Credits

- Complete all of the following
 - Required:
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Preferred:
 - SPC1603C - Fundamentals of Technical Presentations (3)

Cultural and Historical Foundations

9 Total Credits

- Earn at least 9 credits from the following course sets:
 - GEF 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)

- HUM2020 - Encountering the Humanities (3)
- HUM2210 - Studies in Culture: Ancient to 17th Century (3)
- HUM2230 - Studies in Culture: 17th Century to Present (3)
- WOH2012 - World Civilization I (3)
- WOH2022 - World Civilization II (3)

GEP 5- Historical & Cultural Foundation

- ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
- ARH2050 - History of Western Art I (3)
- ARH2051 - History of Western Art II (3)
- FIL1000 - Cinema Survey (3)
- FIL2030 - History of Motion Pictures (3)
- FIL3036 - Film History I (3)
- FIL3037 - Film History II (3)
- LIT2110 - World Literature I (3)
- LIT2120 - World Literature II (3)
- MUH2017 - Survey of Rock Music (3)
- MUH2019 - American Popular Music, 1840s-present (3)
- MUL2016 - Evolution of Jazz (3)
- MUL2720 - Music of the World (3)
- PHI2010 - Introduction to Philosophy (3)
- REL2300 - World Religions (3)
- THE2000 - Theatre Survey (3)
- MUL2010 - Enjoyment of Music (3)

Mathematical Foundations

7 Total Credits

- Complete all of the following
 - Required:
 - Complete the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - STA2023 - Statistical Methods I (3)

Social Foundations

6 Total Credits

- Complete at least 2 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundations

8 Total Credits

- Complete all of the following
 - Required:
 - Complete the following:
 - BSC2010C - Biology I (4)
 - CHM2045C - Chemistry Fundamentals I (4)
 - *CHM 2045C - or take CHM 2040 and CHM 2041

Grand Total Credits: **39**

Common Program Prerequisites (CPP) (If applicable)

16 Total Credits

- Complete all of the following
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information.
 - Earn at least 8 credits from the following:
 - BSC2010C - Biology I (4)
 - BSC2011C - Biology II (4)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHM2046 - Chemistry Fundamentals II (3)
 - CHM2046L - Chemistry Fundamentals Laboratory (1)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - CHM2210 - Organic Chemistry I (3)
 - CHM2211 - Organic Chemistry II (3)
 - CHM2211L - Organic Laboratory Techniques I (2)
 - STA2023 - Statistical Methods I (3)
 - GEP Courses: BSC 2010C, CHM 2045C, MAC 2311C, STA
 - *CHM 2045C - or take CHM 2040 and CHM 2041
 - *CHM 2045C - Requires Passing Chemistry Placement Test or Prerequisites CHM 1025C and MAC 1105 with a C or better.
Select one of the following sequences of courses:
 - Complete 1 of the following
 - Complete all of the following
 - Earn at least 4 credits from the following course sets:
PHY 2053C
 - PHY2053C - College Physics I Studio (4)
 - PHY 2053 and 2053L
 - PHY2053 - College Physics I (3)
 - PHY2053L - College Physics I Laboratory (1)
 - Earn at least 4 credits from the following course sets:
PHY 2054C
 - PHY2054C - College Physics II Studio (4)
 - PHY 2054 and PHY 2054L
 - PHY2054 - College Physics II (3)
 - PHY2054L - College Physics II Laboratory (1)
 - Complete all of the following
 - Earn at least 4 credits from the following course sets:
PHY 2048C
 - PHY2048C - General Physics Using Calculus I Studio (4)
 - PHY 2048 and 2048L
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2048L - General Physics Using Calculus I Laboratory (1)
 - Earn at least 4 credits from the following course sets:
PHY 2049C
 - PHY2049C - General Physics Using Calculus II Studio (4)
 - PHY 2049 and 2049L
 - PHY2049 - General Physics Using Calculus II (3)
 - PHY2049L - General Physics Using Calculus II Laboratory (1)

Grand Total Credits: **16**

Degree Requirements

Core Requirements: Basic Level

11 Total Credits

No Rules

Math and Statistics

3 Total Credits

- Complete all of the following
 - Earn at least 3 credits from the following:
 - STA2023 - Statistical Methods I (3)

- MAC2311C - Calculus with Analytic Geometry I (4)
- GEP Course: MAC 2311C

Chemistry

8 Total Credits

- Complete the following:
 - CHM2210 - Organic Chemistry I (3)
 - CHM2211 - Organic Chemistry II (3)
 - CHM2211L - Organic Laboratory Techniques I (2)

Core Requirements: Advanced Level

28 - 29 Total Credits

- Complete all of the following
 - Complete the following:
 - BSC3403C - Quantitative Biological Methods (4)
 - MCB3020C - General Microbiology (5)
 - PCB3522 - Molecular Biology I (3)
 - PCB3233L - Immunology Laboratory (1)
 - PCB4280 - Molecular Immunology (3)
 - PCB4524 - Molecular Biology II (3)
 - MCB4414 - Microbial Metabolism (3)
 - MCB4404 - Bacterial Genetics and Physiology (3)
 - Complete at least 1 of the following:
 - BCH4024 - Medical Biochemistry (4)
 - BCH4053 - Biochemistry I (3)

Restricted Electives

9 - 11 Total Credits

- Complete all of the following
 - Students must choose three (3) restricted electives from the list below.
 - At least one (1) of these restricted elective courses must have a laboratory component.
 - As an alternative to one of these restricted electives, students can take part in a GEAR course, the PURE program, the PILOT course, or carry out an HIM thesis. Any one of these courses or programs will substitute for one (1) restricted elective course with a laboratory component.
 - Additional restricted electives can be taken as approved by the associate director.
 - Complete at least 3 of the following:
 - BOT4434C - General Mycology (4)
 - MCB3203 - Pathogenic Microbiology (3)
 - MCB4503C - Virology (3)
 - MCB3202 - Principles of Infectious Disease (3)
 - MCB4207 - Infectious Processes (3)
 - MCB4276 - Epidemiology of Infectious Diseases (3)
 - MCB4603 - Environmental Microbiology (3)
 - MCB4721C - Methods in Biotechnology (4)
 - MCB4653 - Applied Industrial Microbiology (3)
 - PCB4028 - Molecular and Cellular Pharmacology (3)
 - PCB4284 - Immunobiology (3)
 - MCB4201 - Microbial Stress Response (3)
 - MCB4204 - Cellular Microbiology: Host-Pathogen Interactions (3)

Grand Total Credits: **48 - 51**

Program Details

Capstone Requirements

- None

Electives

- Variable. Students are encouraged to participate in undergraduate research if interested in pursuing graduate or professional education.

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- Students must complete all coursework in the baccalaureate curriculum as shown and earn a GPA of at least 3.20 for all coursework in the sciences.
- Independent study, directed research or similar credit may not be used as a restricted elective.
- A minimum of 20 hours must be taken at UCF in the department of the major.
- Students will be required to take a comprehensive test during their last semester.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Honors In Major

- Application and admissions through the Department and the Burnett Honors College.
- Fulfill University requirements for Honors in the Major and maintain a 3.2 UCF GPA; 3.5 in the major; 3.2 cumulative average for graded upper division courses regardless of the institution.

Complete the following course with a grade of B or better

1Honors Section

- BSC 3403C - Quantitative Biological Methods **Credit Hours: 4 1**

Honors Thesis

Complete the following course with a grade of B or better and successfully complete the oral defense of the Honors Thesis

- MCB 4970H - Honors Undergraduate Thesis II **Credit Hours: 1**

Additional Information

Related Programs

- Biology (B.S.)
- Biotechnology (B.S.)
- Medical Laboratory Sciences (B.S.)
- Chemistry, Biochemistry Track (B.S.)

Certificates

- None

Related Minors

- Biology Minor
- Chemistry Minor

Advising Notes

- None

Transfer Notes

- Students who begin a two semester sequence course (e.g. General Chemistry) at a Florida College System institution are strongly encouraged to complete the sequence before transferring. If it will not be possible to complete the sequence before transferring, the student should postpone beginning the course until enrolling at UCF.
- Lower division courses do not substitute for upper division courses.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

College of Nursing

Nursing, A.S. to B.S.N. Track (B.S.N.)

College

College of Nursing

Department

Department of Nursing Systems

Program Type

Articulated A.S. Programs

Program Contact Information

College of Nursing
University Tower (UTWR), 300 (Third Floor)
407-823-2744

ucfnurse@ucf.edu

Dean: Dr. Mary Lou Sole

Chair for Department of Nursing Systems, Hugh F. and Jeannette G. McKean Endowed Chair in Nursing, Professor: Dr. Mona Shattell

Director for RN to BSN and Concurrent ASN to BSN Post Licensure BSN Programs, Senior Lecturer: Dr. Stephen Heglund

Admission Requirements

- Acceptance to the university does not constitute admission to the upper division nursing program. Separate application to the limited access program must be made directly to the College of Nursing by the posted deadline. For application deadlines, please visit <http://www.nursing.ucf.edu>.
- Admission to the University must be completed by the program application deadline.
- All applicants must have a minimum overall undergraduate GPA of 3.0
- All applicants must be enrolled in a Statewide Articulated AS in Nursing from a Florida College System institution and have completed a minimum of two semesters. Individuals who received an AS in Nursing or attended nursing school other than a Florida College System or State University System institution should review the Nursing - RN to BSN Program.
- All applicants must be working toward Licensure as an RN.
- All applicants must have completed the UCF General Education Program (GEP) requirements or completed an AA degree from a Florida College System or State University System institution or have no more than a total of 9 credit hours remaining to meet UCF General Education and/or Foreign Language graduation requirements.
- All eight (8) Common Program Prerequisites must be completed by the program application deadline with at least a grade of "C" (2.0) or better in each course.

Program Description

BSN completion program only for individuals who are enrolled in a statewide articulated A.S. in Nursing from a Florida public community or state college (12/2000 or later). Students who are enrolled in a Concurrent ASN to BSN program will take the NCLEX-RN after successfully completing the ASN portion of their program and prior to enrolling in their final BSN courses at UCF. Out-of-state instructional limitations apply to this degree program. For more information on this please visit <https://apq.ucf.edu/files/Licensure-Disclosure-Nursing-Online-AS-to-BS.pdf>

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog year, including minors.
- Students should consult with an advisor in the College of Nursing Undergraduate Student Services Office for questions regarding completion of General Education Program requirements and Common Program Prerequisite requirements.
- The courses designated in UCF General Education Program (GEP) and Common Program Prerequisites (CPP) below may be taken at a Florida College System or State University System institution.
- A minimum overall undergraduate GPA of 2.5 and a minimum 2.5 GPA in the nursing major are required for continuation in and graduation from the nursing program
- UCF Residency Requirement: 30 hours
- The courses designated in UCF General Education Program (GEP), civic literacy, and Foreign Language Requirements must be completed prior to enrolling in the third semester in the BSN program. Students may have no more than 9 hours of outstanding coursework in these two areas at the time of admission.

General Education (GEP)

- Complete all of the following
 - Communication
 - Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Group
 - Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)

- MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - GEP 6- Historical & Cultural Foundation - choose a course from GEP 4 or GEP 5
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Mathematical
- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - MAC 1105C - College Algebra Credit Hours:3 (Preferred)
 - GEP 8- Mathematical Foundation
 - Complete at least 1 of the following:
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
- Social
- Complete all of the following
 - Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - PSY 2012 - General Psychology OR SYG 2000 - Introduction to Sociology - preferred
 - Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)

- ECO2013 - Principles of Macroeconomics (3)
- ECO2023 - Principles of Microeconomics (3)
- POS2041 - American National Government (3)

Science

- Complete all of the following
 - GEP 11 & 12- Science Foundation
 - Complete the following:
 - BSC2010C - Biology I (4)
 - CHM1032 - General Chemistry (3)

Grand Total Credits: **37 - 38**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - See "Common Prerequisites " in the Transfer and Transitions Services section for more information.
 - Complete all of the following
 - In addition to STA 2014 - Principles of Statistics OR STA 2023 - Statistical Methods I AND PSY 2012 - General Psychology OR SYG 2000 - Introduction to Sociology AND CHM 1032 - General Chemistry or other approved science from the GEP:
 - Complete the following:
 - HUN3011 - Human Nutrition (3)
 - MCB2004C - Microbiology for Health Professionals (4)
 - PCB3703C - Human Physiology (4)
 - ZOO3733C - Human Anatomy (4)
 - DEP2004 - Developmental Psychology (3)
 - May take Anatomy and Physiology sequence (AP I & II) of eight total credits for ZOO3733C and PCB3703C

Grand Total Credits: **18**

Degree Requirements

Core Requirements: Advanced Level
59 Total Credits

- Complete all of the following
 - UCF Core
 - Complete the following:
 - NUR3805 - Dimensions of Professional Nursing Practice (3)
 - NUR3065 - Health Assessment (2)
 - NUR3065L - Health Assessment Lab (1)
 - NUR3165 - Nursing Research (3)
 - NUR3616 - Health Promotion Across the Lifespan (2)
 - NUR4837 - Health Care Issues, Policy, and Economics (3)
 - NUR4828 - Nursing Leadership, Management and Role Transition (3)
 - NUR4637 - Public and Community Health Nursing (3)
 - NUR3125 - Pathophysiology for Nursing Practice (3)
 - NUR4604L - Practicum in Community and Public Health Nursing for RNs (4)
 - Upper Division Credit
 - Complete all of the following
 - May be met by validation and RN License
 - Complete the following:
 - NUR3028 - Essentials of Nursing Practice (3)
 - NUR3028L - Essentials of Nursing Practice Lab (1)
 - NUR3755L - Essentials of Nursing Practice Clinical (2)
 - NUR3225L - Nursing Care of the Adult I: Clinical Practice: (2)
 - NUR3445 - Nursing Care of Families (4)
 - NUR3445L - Nursing Care of Families Clinical (2)
 - NUR4227 - Nursing Care of the Adult II (4)
 - NUR4227L - Nursing Care of the Adult II: Clinical Practice (3)
 - NUR4535 - Psychiatric Mental Health Nursing (3)
 - NUR4535L - Psychiatric Mental Health Clinical (2)
 - NUR3225 - Nursing Care of the Adult I (3)
 - NUR3145 - Pharmacology for Nursing Practice (3)

Restricted Electives
3 Total Credits

- Earn at least 3 credits from the following types of courses:
One College of Nursing elective. A list of approved restricted elective courses is found in the myKnight audit.

Grand Total Credits: **62**

Program Details

Capstone Requirements

- None

Electives

- variable to meet degree requirements

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to third semester in the BSN program.

Graduation

- Must hold licensure as a Registered Nurse.

Additional Requirements

- A criminal background check and mandatory Drug Screening may be required prior to any clinical course and "on demand" for continuation in the program.
- Complete all courses in major with at least a "C" (2.0)
- Maintain a UCF GPA of 2.5 or above
- Maintain a College of Nursing GPA of 2.5 or above

Progression Requirements:

- Prior to third semester in the BSN program: 1) complete general education requirements or A.A. from a Florida College System or State University System institution; 2) complete civic literacy; and 3) complete foreign language admission requirement.
- Continuous enrollment in a Statewide Articulated AS in Nursing program of a Florida College System institution until completion and awarding of the Associate of Science in Nursing degree.

Other:

- Selected courses may be offered at various Orlando and Regional Campuses.
- All AS to BSN courses are available online. Some classes and labs are also available in person on select campuses. Clinical practice requirements are completed in the student's home community. For more information visit <http://www.nursing.ucf.edu>
- All students admitted to a BSN program will be responsible for a subscription to the LEAP*RN student information database and repository.

Required Minors

- None

Departmental Exit Requirements

- Completion of all courses in major with a grade of "C" (2.0) or better
- Cumulative overall GPA of 2.5 or above
- College of Nursing GPA of 2.5 or above
- This program must be completed in no more than seven years from enrollment in the first BSN course within Core Requirements.

University Minimum Exit Requirements

- A 2.0 UCF GPA

- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors Undergraduate Thesis

- Contact Program Coordinator or HUT Advisor

Related Programs

- Health Services Administration (B.S.)
- Social Work (B.S.W.)

Certificates

- Aging Studies Certificate

Related Minors

- Health Sciences Minor
- Health Informatics and Information Management Minor
- Health Services Administration Minor
- Psychology Minor

Advising Notes

- Students are required to design an individual plan of study with an advisor. Any changes to that plan must be made in consultation with the advisor. Failure to do so may result in a delay of program progression and/or graduation.

Transfer Notes

- A maximum of 6 upper division credit hours of Nursing courses may be transferred from another institution.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.o eas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$25 per term
- Full-Time Student: \$50 per term

Nursing, Accelerated Second Degree B.S.N. Option (B.S.N.)

College

College of Nursing

Department

Department of Nursing Practice

Program Type

Major

Program Contact Information

College of Nursing
UTWR, 3rd floor
ucfnurse@ucf.edu

Dean: Dr. Mary Lou Sole

Chair, Department of Nursing Practice: Dr. Maureen Covelli

Director, Traditional and Second Degree BSN Programs: Dr. Kelly Allred

Licensure Disclosure

The program is accredited by the Commission on Collegiate Nursing Education (CCNE) and approved by the Florida State Board of Nursing. The Nursing, Accelerated Second Degree B.S.N. program will meet the educational eligibility criteria for the National Council for Licensure Examination for Registered Nurses (NCLEX-RN) for obtaining a license to practice as a registered nurse in Florida. Out-of-state instructional limitations apply to this degree program. For more information on this and how this program may prepare you in that regard, please visit

<https://apq.ucf.edu/files/Licensure-Disclosure-Nursing-Second-Degree-BSN.pdf>

Admission Requirements

- Acceptance to the university does not constitute admission to the upper division nursing program
- Separate application to the limited access accelerated second degree Bachelor of Science in nursing (BSN) option must be made directly to the College of Nursing prior to the posted deadline of the year of admission is sought. For application deadlines, please visit <http://www.nursing.ucf.edu/>.
- Admission to the university must also be completed by the program application deadline.
- Students who have never attended the University of Central Florida as degree seeking undergraduate students must apply to the Undergraduate Admissions Office as a second degree-seeking student.
- Students who have attended the University of Central Florida as degree seeking undergraduate students should apply through the Registrar's Office. These students complete the "Readmission Application" form.
- Students must receive a baccalaureate or higher degree from an accredited institution of higher education (meeting university transfer eligibility requirements) prior to the start of the program.
- All applicants must have a minimum overall GPA of 3.0
- Applicants are encouraged to attend an information session, prior to submitting the application.
- Criminal background checks including fingerprints are required for conditional admission to the undergraduate nursing program. The results are reviewed as part of the admission process and may be grounds for denying a student admission to the College of Nursing.
- A standardized test and predetermined cutoff score will be required for acceptance to the College of Nursing. Information regarding this test can be found at <http://www.nursing.ucf.edu>.
- At least seven (7) of the eight (8) common program prerequisites must be completed by the program application deadline with at least a grade of "C" (2.0) or higher in each course.
- All 8 prerequisite courses must be completed before program begins.

Program Description

For individuals who are not Registered Nurses but who hold a baccalaureate or higher degree from an accredited institution of higher education (meeting university transfer eligibility requirements).

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog year, including any minors.
- Students should consult with an advisor in the College of Nursing Undergraduate Student Services Office for clarification of questions regarding prerequisite requirements.
- A minimum overall GPA of 2.5 and a minimum 2.5 GPA in the nursing major are required for continuation and graduation from the nursing program.
- UCF Residency requirement: 30 hours (if applicable)

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - Complete the following:
 - MCB2004C - Microbiology for Health Professionals (4)
 - ZOO3733C - Human Anatomy (4)
 - PCB3703C - Human Physiology (4)
 - Above courses are science prerequisites
 - Complete the following:
 - CHM1032 - General Chemistry (3)
 - Or other approved science course
 - or other approved science prerequisite
 - Complete the following:
 - HUN3011 - Human Nutrition (3)
 - DEP2004 - Developmental Psychology (3)
 - Complete at least 1 of the following:
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - Complete at least 1 of the following:
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)

Grand Total Credits: **27**

Degree Requirements

Core Requirements: Advanced Level
57 Total Credits

- Complete all of the following
 - Complete the following:
 - NUR3065 - Health Assessment (2)
 - NUR3065L - Health Assessment Lab (1)
 - NUR3028 - Essentials of Nursing Practice (3)
 - NUR3028L - Essentials of Nursing Practice Lab (1)
 - NUR3755L - Essentials of Nursing Practice Clinical (2)
 - NUR3616 - Health Promotion Across the Lifespan (2)
 - NUR3616L - Health Promotion Across the Lifespan Clinical (1)
 - NUR3125 - Pathophysiology for Nursing Practice (3)
 - NUR3145 - Pharmacology for Nursing Practice (3)
 - NUR3225 - Nursing Care of the Adult I (3)
 - NUR3225L - Nursing Care of the Adult I: Clinical Practice: (2)
 - NUR3816 - Professional Nurse Seminar (1)
 - NUR3445 - Nursing Care of Families (4)
 - NUR3445L - Nursing Care of Families Clinical (2)
 - NUR3167 - Accelerated Nursing Research Seminar (1)
 - NUR4227 - Nursing Care of the Adult II (4)
 - NUR4227L - Nursing Care of the Adult II: Clinical Practice (3)
 - NUR4829 - Accelerated Transitioning into Professional Practice as a Leader (3)
 - NUR4257 - Introduction to Critical Care Nursing (3)
 - NUR4945L - Nursing Practicum (4)
 - NUR4535 - Psychiatric Mental Health Nursing (3)
 - NUR4535L - Psychiatric Mental Health Clinical (2)
 - NUR4637 - Public and Community Health Nursing (3)
 - NUR4637L - Public Health Nursing Clinical (1)
 - Students without a research course on their transcript must take NUR 3165 as prerequisite for NUR 3167

Restricted Electives
3 Total Credits

- Earn at least 3 credits from the following types of courses:
One College of Nursing elective. A list of approved restricted elective courses is found in the myKnight audit.

Grand Total Credits: **60**

Program Details

Capstone Requirements

- None

Electives

- None

Foreign Language Requirements

Admissions

- None

Graduation

- None

Additional Requirements

- Mandatory Drug Screening is required prior to admission and "on demand" for continuation in the program.
- Complete all courses in major with at least a "C" (2.0) or "S" grade when appropriate.
- Maintain a UCF GPA of 2.5 or above
- Maintain a College of Nursing GPA of 2.5 or above
- All students admitted to a BSN program will be responsible for a subscription to the LEAP*RN student information database and repository.

Required Minors

- None

Departmental Exit Requirements

- Completion of all courses in major with a grade of "C" (2.0) or better
- UCF GPA of 2.5 or above
- College of Nursing GPA of 2.5 or above

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 60

Additional Information

Honors In Major

- University Honors and Honors Undergraduate Thesis Available
- Open to students with a minimum 3.5 GPA in Nursing.
- Completion of a three credit directed readings course.
- Completion of a three credit thesis course.
- Must earn a minimum cumulative UCF 3.2 GPA.
- Completion of 60 semester hours of college credit, including 12 graded upper division hours at UCF.

Related Programs

- Health Services Administration (B.S.)
- Social Work (B.S.W.)

Certificates

- None

Related Minors

- Aging Studies Minor
- Psychology Minor
- Health Sciences Minor
- Health Services Administration Minor

Advising Notes

- None

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Nursing courses and prerequisite courses transferred from private and out-of-state schools must be evaluated for equivalency credit and approved by the College of Nursing. Visit UCF's Transfer Student Resource page at <https://registrar.ucf.edu/transfer-student-resources/> to view already approved transfer courses and the process for seeking transfer credit for courses not on the list.

Shared Courses

- None

Graduate Courses Link

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oemas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$25 per term
- Full-Time Student: \$50 per term

Nursing (B.S.N.)

College

College of Nursing

Department

Department of Nursing Practice

Program Type

Major

Program Contact Information

College of Nursing
University Tower (UTWR), 300 (Third Floor)
407-823-2744
ucfnurse@ucf.edu

Dean: *Dr. Mary Lou Sole*

Chair for Department of Nursing Practice, Associate Professor: *Dr. Maureen Covelli*

Director of Traditional BSN and Second Degree BSN Programs, Clinical Associate Professor: *Dr. Kelly Allred*

Licensure Disclosure

The program is accredited by the Commission on Collegiate Nursing Education (CCNE) and approved by the Florida State Board of Nursing. The Nursing (B.S.N.) program will meet the educational eligibility criteria for the National Council for Licensure Examination for Registered Nurses (NCLEX-RN) for obtaining a license to practice as a registered nurse in Florida. Out-of-state instructional limitations apply to this degree program. For more information on this and how this program may prepare you in that regard, please visit

<https://apq.ucf.edu/files/Licensure-Disclosure-Nursing-BSN.pdf>

Admission Requirements

- Acceptance to the university does not constitute admission to the upper division nursing program
- Separate application to the limited access program must be made directly to the College of Nursing by the posted deadline. For application deadlines, please visit <http://www.nursing.ucf.edu>.
- Admission to the University must also be completed by the program application deadline.
- All general education, foreign language, and program prerequisite requirements must be completed prior to the start of the program. Students who transfer with an AA degree and will be pursuing a BS degree must meet the University foreign language admission requirements and civic literacy requirements for graduation.
- All applicants must have a minimum overall GPA of 3.0
- A standardized test and predetermined cutoff score will be required for acceptance to the College of Nursing. Information regarding this test can be found at <http://www.nursing.ucf.edu>.
- All applicants are encouraged to attend an information session, prior to submitting the application.
- Criminal background checks including fingerprints are required for conditional admission to the undergraduate nursing program. The results are reviewed as part of the admission process and may be grounds for denying a student admission to the College of Nursing.
- At least seven (7) of the eight (8) Common Program Prerequisites must be completed by the program application deadline with at least a grade of "C" (2.0) or better in each course.
- All 8 prerequisite courses must be completed before program begins.

Program Description

The BSN program prepares graduates who will be able to:

- Integrate concepts from liberal education with nursing curriculum to enhance critical thinking and implementation of quality care.
- Integrate principles of leadership and management through intra- and inter- disciplinary collaborations to address client needs and outcomes.
- Foster scholarship in nursing practice through identification of emerging health care problems, appraising current evidence, and its potential for application to improve outcomes.
- Demonstrate effective professional communication as part of an interdisciplinary team, collaborating to provide for optimal health outcomes.
- Analyze the health care policy process for the improvement of health care for all.
- Demonstrate competence in the management of information and the application of technology to deliver quality care.
- Develop health promotion and disease prevention interventions at the individual and population level to improve health.
- Actualize professional values such as altruism, autonomy, integrity, social justice, and respect for human dignity.
- Provide the highest quality of nursing care across the lifespan and continuum of healthcare environments.

For individuals who are not Registered Nurses. The College of Nursing has a demanding curriculum. The classes are work-intensive and courses include clinical practice in a variety of settings. Due to this, it is strongly recommended that students be at least one-year post-high school prior to applying to the basic nursing program. Students with concerns or questions should contact the College of Nursing Undergraduate Student Services Office for an appointment with an academic advisor.

General Education (GEP)

- Complete all of the following
 - Communication
 - Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Historical & Cultural
 - Complete all of the following
 - Complete at least 1 courses from the following:

GEP 4- Historical & Cultural Foundation

- AMH2010 - U.S. History: 1492-1877 (3)
- EUH2000 - Western Civilization I (3)
- EUH2001 - Western Civilization II (3)
- HUM2020 - Encountering the Humanities (3)
- HUM2210 - Studies in Culture: Ancient to 17th Century (3)
- HUM2230 - Studies in Culture: 17th Century to Present (3)
- WOH2012 - World Civilization I (3)
- WOH2022 - World Civilization II (3)
- Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)

- GEP 6- Historical & Cultural Foundation - choose a course from GEP 4 or GEP 5

- Complete at least 1 courses from the following:

GEP 4- Historical & Cultural Foundation

- AMH2010 - U.S. History: 1492-1877 (3)
- EUH2000 - Western Civilization I (3)
- EUH2001 - Western Civilization II (3)
- HUM2020 - Encountering the Humanities (3)
- HUM2210 - Studies in Culture: Ancient to 17th Century (3)
- HUM2230 - Studies in Culture: 17th Century to Present (3)
- WOH2012 - World Civilization I (3)
- WOH2022 - World Civilization II (3)

GEP 5- Historical & Cultural Foundation

- ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
- ARH2050 - History of Western Art I (3)
- ARH2051 - History of Western Art II (3)
- FIL1000 - Cinema Survey (3)
- FIL2030 - History of Motion Pictures (3)
- FIL3036 - Film History I (3)
- FIL3037 - Film History II (3)
- LIT2110 - World Literature I (3)
- LIT2120 - World Literature II (3)
- MUH2017 - Survey of Rock Music (3)
- MUH2019 - American Popular Music, 1840s-present (3)
- MUL2016 - Evolution of Jazz (3)
- MUL2720 - Music of the World (3)
- PHI2010 - Introduction to Philosophy (3)
- REL2300 - World Religions (3)
- THE2000 - Theatre Survey (3)
- MUL2010 - Enjoyment of Music (3)

Mathematical

- Complete all of the following

- Complete at least 1 courses from the following:

GEP 7- Mathematical Foundation

- MAC1105C - College Algebra (3)
- MAC2311C - Calculus with Analytic Geometry I (4)
- MGF1106 - Finite Mathematics (3)

- MGF1107 - Explorations in Mathematics (3)
- MAC 1105C - College Algebra Credit Hours: 3 (Preferred); Student may substitute a higher level math with appropriate scores on the Math Placement Test.
- GEP 8- Mathematical Foundation
- Complete at least 1 of the following:
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)

Social

- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - PSY 2012 - General Psychology Credit Hours: 3 (Preferred) OR SYG 2000 - Introduction to Sociology Credit Hours: 3 (Preferred)
 - Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science

- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - CHM 1032 - General Chemistry Credit Hours: 3 (Preferred)
 - GEP 12- Science Foundation
 - Complete the following:
 - BSC2010C - Biology I (4)

Grand Total Credits: **37 - 39**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - See "Common Prerequisites" in the Transfer and Transitions Services section for more information and possible substitutions. Some of these courses have prerequisites that must be taken first. Students should consult with an advisor in the College of Nursing for clarification of questions regarding prerequisite requirements. Any variation from the stated prerequisites must be approved by the College of Nursing. Visit UCF's Transfer Student Resource page at <https://registrar.ucf.edu/transfer-student-resources/> to view already approved transfer courses and the process for seeking transfer credit for courses not on the list.
 - Complete all of the following
 - In addition to STA 2014 - Principles of Statistics OR STA 2023 - Statistical Methods I AND PSY 2012 - General Psychology OR SYG 2000 - Introduction to Sociology AND CHM 1032 or other approved science from the GEP:
 - Complete the following:
 - MCB2004C - Microbiology for Health Professionals (4)
 - ZOO3733C - Human Anatomy (4)
 - PCB3703C - Human Physiology (4)
 - HUN3011 - Human Nutrition (3)
 - DEP2004 - Developmental Psychology (3)

Grand Total Credits: **18**

Degree Requirements

Core Requirements: Advanced

62 Total Credits

- Complete the following:
 - NUR3065 - Health Assessment (2)
 - NUR3065L - Health Assessment Lab (1)
 - NUR3028 - Essentials of Nursing Practice (3)
 - NUR3028L - Essentials of Nursing Practice Lab (1)
 - NUR3755L - Essentials of Nursing Practice Clinical (2)
 - NUR3616 - Health Promotion Across the Lifespan (2)
 - NUR3616L - Health Promotion Across the Lifespan Clinical (1)
 - NUR3125 - Pathophysiology for Nursing Practice (3)
 - NUR3145 - Pharmacology for Nursing Practice (3)
 - NUR3225 - Nursing Care of the Adult I (3)
 - NUR3225L - Nursing Care of the Adult I: Clinical Practice (2)
 - NUR3816 - Professional Nurse Seminar (1)
 - NUR3445 - Nursing Care of Families (4)
 - NUR3445L - Nursing Care of Families Clinical (2)
 - NUR3165 - Nursing Research (3)
 - NUR4837 - Health Care Issues, Policy, and Economics (3)
 - NUR4227 - Nursing Care of the Adult II (4)
 - NUR4227L - Nursing Care of the Adult II: Clinical Practice (3)
 - NUR4535 - Psychiatric Mental Health Nursing (3)
 - NUR4535L - Psychiatric Mental Health Clinical (2)
 - NUR4257 - Introduction to Critical Care Nursing (3)
 - NUR4945L - Nursing Practicum (4)
 - NUR4828 - Nursing Leadership, Management and Role Transition (3)
 - NUR4637 - Public and Community Health Nursing (3)
 - NUR4637L - Public Health Nursing Clinical (1)

Restricted Electives

3 Total Credits

- Earn at least 3 credits from the following types of courses:
 - One College of Nursing elective. A list of approved restricted elective courses is found in the myKnight audit.

Grand Total Credits: **65**

Program Details

Capstone Requirements

- None

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- Students pursuing a BS degree must meet the University foreign language admission requirements before admission.
- Mandatory Drug Screening is required prior to admission and "on demand" for continuation in the program.

Students must:

- Complete all courses in major with at least a "C" (2.0) or "S" grade when appropriate.
- Maintain a UCF GPA of 2.5 or above.
- Maintain a College of Nursing GPA of 2.5 or above.
- All students admitted to a BSN program will be responsible for a subscription to the LEAP*RN student information database and repository.

Required Minors

- None

Departmental Exit Requirements

- All courses in major must be "C" (2.0) or better.
- The UCF GPA must be 2.5 or above.
- The College of Nursing GPA must be 2.5 or above.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors Undergraduate Thesis

Honors Option Requires:

- Open to students with a minimum 3.5 GPA in Nursing.
- Completion of a three credit directed readings course.
- Completion of a three credit thesis course.
- Must earn a minimum cumulative UCF 3.2 GPA.
- Completion of 60 semester hours of college credit, including 12 graded upper division hours at UCF.

Related Programs

- Health Services Administration (B.S.)
- Social Work (B.S.W.)

Certificates

- Aging Studies Certificate

Related Minors

- Psychology Minor
- Health Sciences Minor
- Health Services Administration Minor

Advising Notes

- None

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Nursing courses and prerequisite courses transferred from private and out-of-state schools must be evaluated for equivalency credit and approved by the College of Nursing through the Universities transfer evaluation process. Visit UCF's Transfer Student Resource page at <https://registrar.ucf.edu/transfer-student-resources/> to view already approved transfer courses and the process for seeking transfer credit for courses not on the list.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$25 per term
- Full-Time Student: \$50 per term

Nursing, Concurrent A.S.N. to B.S.N. Enrollment Option (B.S.N.)

College

College of Nursing

Department

Department of Nursing Systems

Program Type

Major

Program Contact Information

College of Nursing
University Tower (UTWR), 300 (Third Floor)
407-823-2744
ucfnurse@ucf.edu

Dean: *Dr. Mary Lou Sole*

Chair for Department of Nursing Systems, Hugh F. and Jeannette G. McKean Endowed Chair in Nursing, Professor: *Dr. Mona Shattell*

Director for RN to BSN and Concurrent ASN to BSN Post Licensure BSN Programs, Senior Lecturer:
Dr. Stephen Heglund

Admission Requirements

- Acceptance to the University does not constitute admission to this program. Only students admitted to the Florida College System institution Nursing Programs are eligible for this enrollment option. Students must make separate application to UCF and the College of Nursing. Students are accepted into this program for their first semester of nursing and must progress according to a designated plan of study.
- Students must be accepted by UCF prior to the Concurrent A.S.N. to B.S.N. application deadline. Upon completion of the ASN and successful licensure as a Registered Nurse, students will enroll in remaining UCF nursing upper division courses to complete the BSN.
- Criminal background checks and drug screening may be required for all Concurrent students prior to their registering for the final practicum course NUR 4604L.

At the time of application, students must have:

- A cumulative GPA of 3.0 or above.
- Completed application to a Florida College System institution ASN Nursing program and the UCF College of Nursing and be admitted to the University by UCF Undergraduate Admissions.
- An AA degree from a Florida College System or State University System institution or have met ALL UCF General Education requirements prior to program start.
- Met UCF Foreign Language admission requirement prior to program start.
- Completed seven out of eight Common Program Prerequisite courses for UCF and all of the ASN nursing program's prerequisites by application deadline with at least a grade of "C" (2.0) or better in each course.
- A satisfactory score on the standardized entry test(s) required by both programs.

Program Description

A partnership between selected Florida College System institutions and UCF College of Nursing to allow qualified Associate of Science in Nursing (ASN) students to enroll in the RN to BSN program while completing the ASN program. This program allows simultaneous enrollment in both associate and baccalaureate nursing programs. Students who are enrolled in a Concurrent ASN to BSN program will take the NCLEX-RN after successfully completing the ASN portion of their program and prior to enrolling in their final BSN courses at UCF. Out-of-state instructional limitations apply to this degree program. For more information on this please visit

<https://apq.ucf.edu/files/Licensure-Disclosure-Nursing-Concurrent-ASN-to-BSN.pdf>

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog year, including minors.
- Students should consult with a college advisor or Florida College System A.A. transfer advisor regarding completion of General Education Program requirements.
- Students should consult with an advisor in the Concurrent Nursing program for clarification of questions regarding prerequisite requirements.
- The courses designated in General Education and Common Program Prerequisites below may be taken at a Florida College System or State University System institution.
- A minimum overall GPA of 2.5 and a minimum 2.5 GPA in the nursing major are required for continuation in and graduation from the nursing program.
- UCF Residency Requirement: 30 hours.
- The courses designated in General Education, civic literacy, and Common Program Prerequisites should usually be completed in the first 60 hours.

General Education (GEP)

- Complete all of the following
 - Communication
 - Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Historical & Cultural
 - Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - GEP 6- Historical & Cultural - choose one course from GEP 4 or GEP 5
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)

- LIT2110 - World Literature I (3)
- LIT2120 - World Literature II (3)
- MUH2017 - Survey of Rock Music (3)
- MUH2019 - American Popular Music, 1840s-present (3)
- MUL2016 - Evolution of Jazz (3)
- MUL2720 - Music of the World (3)
- PHI2010 - Introduction to Philosophy (3)
- REL2300 - World Religions (3)
- THE2000 - Theatre Survey (3)
- MUL2010 - Enjoyment of Music (3)

Mathematical

- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - MAC 1105C Preferred
 - GEP 8- Mathematical Foundation
 - Complete at least 1 of the following:
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)

Social

- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - SYG 2000 - Introduction to Sociology OR PSY 2012 - General Psychology Preferred
 - Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science

- Complete all of the following
 - GEP 11 & 12- Science Foundation
 - Complete the following:
 - BSC2010C - Biology I (4)
 - CHM1032 - General Chemistry (3)
 - BSC 2010C is a prerequisite for ZOO 3733C, PCB 3703C; CHM 1032 is a prerequisite for PCB3703C and MCB2004C.

Grand Total Credits: **37 - 38**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - Applicants should see a UCF Nursing Advisor for possible course substitutions. See "Common Prerequisites " in the Transfer and Transitions Services section for more information
 - Complete all of the following
 - In addition to STA 2014 - Principles of Statistics OR STA 2023 - Statistical Methods I AND PSY 2012 - General Psychology OR SYG 2000 - Introduction to Sociology AND CHM 1032 - General Chemistry or another approved science course from the GEP:
 - Complete the following:
 - MCB2004C - Microbiology for Health Professionals (4)
 - ZOO3733C - Human Anatomy (4)
 - PCB3703C - Human Physiology (4)
 - HUN3011 - Human Nutrition (3)
 - DEP2004 - Developmental Psychology (3)
 - May take Anatomy and Physiology sequence (AP I & II) of eight total credits for ZOO3733C and PCB3703C

Grand Total Credits: **18**

Degree Requirements

Core Requirements: Advanced Level
59 Total Credits

- Complete all of the following
State College Concurrent Tracks-Valencia or Seminole
 - Complete 1 of the following
 - Valencia Track
 - Complete the following:
 - NUR3125 - Pathophysiology for Nursing Practice (3)
 - NUR3805 - Dimensions of Professional Nursing Practice (3)
 - NUR3616 - Health Promotion Across the Lifespan (2)
 - NUR3065 - Health Assessment (2)
 - NUR3065L - Health Assessment Lab (1)
 - NUR3165 - Nursing Research (3)
 - NUR4637 - Public and Community Health Nursing (3)
 - NUR4837 - Health Care Issues, Policy, and Economics (3)
 - NUR4828 - Nursing Leadership, Management and Role Transition (3)
 - NUR4604L - Practicum in Community and Public Health Nursing for RNs (4)
 - Seminole Track
 - Complete the following:
 - NUR4257 - Introduction to Critical Care Nursing (3)
 - NUR3805 - Dimensions of Professional Nursing Practice (3)
 - NUR3616 - Health Promotion Across the Lifespan (2)
 - NUR3165 - Nursing Research (3)
 - NUR4837 - Health Care Issues, Policy, and Economics (3)
 - NUR4828 - Nursing Leadership, Management and Role Transition (3)
 - NUR4637 - Public and Community Health Nursing (3)
 - NUR4604L - Practicum in Community and Public Health Nursing for RNs (4)
 - NUR3125 - Pathophysiology for Nursing Practice (3)
 - Upper Division Credit
 - Complete all of the following
 - Upper Division Credit may be met by Validation and RN License.
 - Complete the following:
 - NUR3028 - Essentials of Nursing Practice (3)
 - NUR3028L - Essentials of Nursing Practice Lab (1)
 - NUR3145 - Pharmacology for Nursing Practice (3)
 - NUR3755L - Essentials of Nursing Practice Clinical (2)
 - NUR3225 - Nursing Care of the Adult I (3)
 - NUR3225L - Nursing Care of the Adult I: Clinical Practice: (2)
 - NUR3445 - Nursing Care of Families (4)
 - NUR3445L - Nursing Care of Families Clinical (2)
 - NUR4227 - Nursing Care of the Adult II (4)
 - NUR4227L - Nursing Care of the Adult II: Clinical Practice (3)
 - NUR4535 - Psychiatric Mental Health Nursing (3)
 - NUR4535L - Psychiatric Mental Health Clinical (2)

Restricted Electives
3 Total Credits

- Earn at least 3 credits from the following types of courses:
One College of Nursing elective. A list of approved restricted electives is found in the myKnight audit.

Grand Total Credits: **62**

Program Details

Capstone Requirements

-
- None

Electives

- variable to meet degree requirements

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to program start.

Graduation

- None

Additional Requirements

- All students admitted to a BSN program will be responsible for a subscription to the LEAP*RN student information database and repository.

Required Minors

- None

Departmental Exit Requirements

- Completion of all courses in major with a grade of "C" (2.0) or better
- Overall Cumulative GPA of 2.5 or above
- College of Nursing GPA of 2.5 or above
- Current licensure as an RN.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors Undergraduate Thesis

- See Nursing HUT Advisor

Related Programs

- Health Services Administration (B.S.)
- Social Work (B.S.W.)

Certificates

- Aging Studies Certificate

Related Minors

- Health Sciences Minor
- Health Services Administration Minor
- Psychology Minor

Advising Notes

- None

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oemas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$25 per term
- Full-Time Student: \$50 per term

Nursing, R.N. to B.S.N. Program (B.S.N.)

College

College of Nursing

Department

Department of Nursing Systems

Program Type

Major

Program Contact Information

College of Nursing
University Tower (UTWR), 300 (Third Floor)
407-823-2744
ucfnurse@ucf.edu

Dean: Dr. Mary Lou Sole

Chair for Department of Nursing Systems, Hugh F. and Jeannette G. McKean Endowed Chair in Nursing, Professor: Dr. Mona Shattell

Director for RN to BSN and Concurrent ASN to BSN Post Licensure BSN Programs, Senior Lecturer: Dr. Stephen Heglund

Is this program available 100% online?

Yes

UCF Online

Online Nursing, BS

Licensure Disclosure

BSN completion program for individuals who are licensed RNs. Students must complete all university-wide graduation requirements (general education, civic literacy, foreign language, Gordon Rule, etc.). All courses are available online and some courses may be offered face-to-face as well. For more information, see <http://distrib.ucf.edu/home>, and <http://www.nursing.ucf.edu>. Students must be licensed RNs to participate in this RN to BSN Program. Additional certification may be available in this field of study; however, this program does not lead to such licensure or certification upon graduation. Out-of-state instructional limitations apply to this degree program. For more information, please visit

<https://apq.ucf.edu/files/Licensure-Disclosure-Nursing-Online-RN-to-BSN.pdf>

Admission Requirements

- Acceptance to the university does not constitute admission to the upper division nursing program. For application deadlines, please visit <http://www.nursing.ucf.edu>.
- Admission to the University must be completed by the program application deadline.
- All applicants must have graduated from an approved or accredited associate degree or diploma nursing program.
- All applicants must have current Licensure as an RN.
- All applicants must have completed the UCF General Education Program (GEP) requirements or completed an AA degree from a Florida College System or State University System institution or have no more than a total of 9 credit hours remaining to meet UCF General Education and/or Foreign Language graduation requirements.
- At least seven (7) of the eight (8) Common Program Prerequisites must be completed by the program application deadline with at least a grade of "C" (2.0) or better in each course.
- All applicants must have a minimum overall GPA of 2.8.
- All 8 prerequisite courses must be completed before program begins.

Program Description

Nursing, R.N. to B.S.N. may be completed fully online, although not all elective options or program prerequisites may be offered online. Newly admitted students choosing to complete this program exclusively via UCF online classes may enroll with a reduction in campus-based fees. Click here for more information about the online program.

General Education (GEP)

- Complete all of the following
 - Communication
 - Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Historical & Cultural
 - Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)

- ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - GEP 6- Historical & Cultural - choose a course from GEP 4 or GEP 5
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Mathematical
- Complete all of the following
 - MAC 1105C - College Algebra (Preferred)
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - GEP 8- Mathematical Foundation
 - Complete at least 1 of the following:
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
- Social
- Complete all of the following
 - GEP 9- Social Foundations
 - Complete at least 1 of the following:
 - SYG2000 - Introduction to Sociology (3)

- PSY2012 - General Psychology (3)
- Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
- Science
 - Complete all of the following
 - GEP 11 & 12 Science Foundation
 - Complete the following:
 - BSC2010C - Biology I (4)
 - CHM1032 - General Chemistry (3)
 - Science Foundation is 6 credit hours for General Education Program. BSC 2010C is a prerequisite for ZOO 3733C and MCB 2004C. CHM 1032 is a prerequisite for MCB 2004C, PCB 3703C,

Grand Total Credits: **37 - 38**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - See "Common Prerequisites " in the Transfer and Transitions Services section for more information.
 - Complete all of the following
 - In addition to STA 2014 - Principles of Statistics OR STA 2023 - Statistical Methods I AND PSY 2012 - General Psychology OR SYG 2000 - Introduction to Sociology AND CHM 1032 - General Chemistry or other approved Science course from the GEP:
 - Complete the following:
 - MCB2004C - Microbiology for Health Professionals (4)
 - ZOO3733C - Human Anatomy (4)
 - PCB3703C - Human Physiology (4)
 - HUN3011 - Human Nutrition (3)
 - DEP2004 - Developmental Psychology (3)
 - May take Anatomy and Physiology sequence (AP I & II) of eight total credits for ZOO 3733C and PCB3703C

Grand Total Credits: **18**

Degree Requirements

Core Requirements: Advanced Level
59 Total Credits

- Complete all of the following
 - UCF Core
 - Complete the following:
 - NUR3805 - Dimensions of Professional Nursing Practice (3)
 - NUR3065 - Health Assessment (2)
 - NUR3065L - Health Assessment Lab (1)
 - NUR3125 - Pathophysiology for Nursing Practice (3)
 - NUR3165 - Nursing Research (3)
 - NUR3616 - Health Promotion Across the Lifespan (2)
 - NUR4837 - Health Care Issues, Policy, and Economics (3)
 - NUR4604L - Practicum in Community and Public Health Nursing for RNs (4)
 - NUR4828 - Nursing Leadership, Management and Role Transition (3)
 - NUR4637 - Public and Community Health Nursing (3)
 - Upper Division Credit
 - Complete all of the following
 - Complete the following:
 - NUR3028 - Essentials of Nursing Practice (3)
 - NUR3028L - Essentials of Nursing Practice Lab (1)
 - NUR3755L - Essentials of Nursing Practice Clinical (2)
 - NUR3225 - Nursing Care of the Adult I (3)
 - NUR3225L - Nursing Care of the Adult I: Clinical Practice: (2)
 - NUR3445 - Nursing Care of Families (4)
 - NUR3445L - Nursing Care of Families Clinical (2)
 - NUR4227 - Nursing Care of the Adult II (4)
 - NUR4227L - Nursing Care of the Adult II: Clinical Practice (3)
 - NUR4535 - Psychiatric Mental Health Nursing (3)
 - NUR4535L - Psychiatric Mental Health Clinical (2)
 - NUR3145 - Pharmacology for Nursing Practice (3)
 - Upper division credit may be met by validation and RN license.

Restricted Electives
3 Total Credits

- Earn at least 3 credits from the following types of courses:
One College of Nursing elective. A list of approved restricted elective courses is found in the myKnight audit.

Grand Total Credits: **62**

Program Details

Capstone Requirements

- None

Electives

- variable to meet degree requirements

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to enrollment in third semester in the BSN program.

Graduation

- None

Additional Requirements

Progression Requirements:

- A criminal background check and mandatory Drug Screening may be required prior to any clinical course and "on demand" for continuation in the program.
- Complete all courses in major with at least a "C" (2.0).
- Maintain a UCF GPA of 2.5 or above.
- Maintain a College of Nursing GPA of 2.5 or above.
- Prior to third semester in the BSN program: 1) complete general education requirements or A.A. from a Florida College System or State University System institution; and 2) complete foreign language admission requirement.

Other:

- Selected courses may be offered at various Orlando and regional campuses.
- All RN to BSN courses are available online. Some classes and labs are also available in person on select campuses. Clinical practice requirements are completed in the student's home community. For more information visit <http://www.nursing.ucf.edu>.
- A maximum of 6 upper division credit hours of Nursing courses may be transferred from another institution.
- All students admitted to a BSN program will be responsible for a subscription to the LEAP*RN student information database and repository.

Required Minors

- None

Departmental Exit Requirements

- Completion of all courses in major with a grade of "C" (2.0) or better
- Overall cumulative GPA of 2.5 or above
- College of Nursing GPA of 2.5 or above
- This program must be completed in no more than seven years from enrollment in the first BSN course within Core Requirements.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.

- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors Undergraduate Thesis

- Contact Program Director or HUT Advisor

Related Programs

- Health Services Administration (B.S.)
- Social Work (B.S.W.)

Certificates

- Aging Studies Certificate

Related Minors

- Health Sciences Minor
- Health Informatics and Information Management Minor
- Health Services Administration Minor
- Psychology Minor

Advising Notes

- Students are required to design an individual plan of study with an advisor. An example plan is noted below. Any changes to that plan must be made in consultation with the advisor. Failure to do so may result in a delay of program progression and/or graduation.

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$25 per term
- Full-Time Student: \$50 per term

College of Optics and Photonics

Photonic Science and Engineering (B.S.P.S.E.)

College

College of Optics and Photonics

Program Type

Major

Program Website

creol.ucf.edu

Program Contact Information

College of Optics and Photonics

CREOL (CROL), A213

407-823-6376

undergrad@creol.ucf.edu

Admission Requirements

- Students who wish to declare their major in Photonic Science and Engineering must be in good academic standing and must have a "C" (2.0) or better in each of the following courses or their equivalents: MAC 2311C, MAC 2312, PHY 2048 and PHY 2048L, and CHS 1440 or CHM 2045C.

Program Description

The Bachelor of Science in Photonic Science and Engineering degree is designed to prepare the next generation of engineers for the growing optics and photonics industry, which has a broad set of applications including manufacturing, healthcare, telecommunication, defense, security, and entertainment. The program draws on UCF's internationally recognized strengths in the field of optics and lasers and is matched to the strong photonics industry in Central Florida. The degree is offered jointly by the College of Optics and Photonics and the College of Engineering & Computer Science.

This program has potential ties to professional licensure or certification in the field. For more information on how this program may prepare you in that regard, please visit

<https://apq.ucf.edu/files/Licensure-Disclosure-COP-Photonic-Science-and-Engineering-BSPSE.pdf>

Degree Requirements

- Majors in the B.S.P.S.E. degree are required to achieve a 2.250 or greater GPA for their engineering core courses, including STA 3032 and PHY 3101, together with the photonics courses required for the major, technical elective courses, and the senior design courses.
- Students in the Photonic Science and Engineering major are expected to make consistent good progress toward their degrees to remain enrolled in, or eligible for, any major in the College of Engineering & Computer Science (CECS) or the College of Optics and Photonics (COP). Therefore, any student majoring in Photonic Science and Engineering who repeats any UCF course and does not earn a grade of "C" (2.0) or better on the second attempt will be placed on Lack of Progress Probation and remain on Lack of Progress Probation as long as the student is enrolled in a CECS or COP major. If a student on Lack of Progress Probation does not receive a grade of "C" (2.0) or better by the third attempt in the same UCF course, the student will be excluded from all CECS and COP majors. Any student majoring in Photonic Science and Engineering who has accumulated 7 or more unsuccessful attempts (i.e., grades below "C" (2.0) and withdrawals) over all courses taken at UCF will be placed on Lack of Progress Probation and remain on Lack of Progress Probation as long as the student is enrolled in a CECS or COP major. If a student on Lack of Progress Probation has a tenth unsuccessful attempt over all courses taken at UCF, the student will be excluded from all CECS and COP majors.
- A student who is excluded from CECS and COP majors may seek readmission to a major in CECS or COP after at least one full year has passed since exclusion. Readmission is not automatic and is dependent upon a high probability of success after readmission. Any student who is readmitted to the Photonic Science and Engineering major will be subject to all probation conditions that applied at the time of exclusion.
- In addition to courses required for admission to the BSPSE Major, students must also obtain a 2.0 or greater GPA in each of the following courses: EGN 3211, EEL 3004C, EEL 3123C, MAP 2302, PHY 2049C or PHY 2049 and PHY 2049L, OSE 3052, and OSE 3052L .

General Education (GEP)

- Complete all of the following
 - Communication Foundations
 - Complete all of the following

- Complete all courses from the following:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Cultural & Historical Foundations
 - Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Complete at least of the following:
 - MUL2014 - Introduction to Music History and Literature (3)
 - PHI2010 - Introduction to Philosophy (3)
 - THE2000 - Theatre Survey (3)
 - PHI 2010 preferred.
 - GEP 6- Historical & Cultural Foundation - choose a course from GEP 4 or GEP 5
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Mathematical Foundations
 - Complete the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - STA3032 - Probability and Statistics for Engineers (3)
- Social Foundations
 - Complete all of the following
 - Complete at least 1 courses from the following:

- GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
- Science Foundations
 - Complete all of the following
 - Earn at least 4 credits from the following course sets:
 - PHY 2048C
 - PHY2048C - General Physics Using Calculus I Studio (4)
 - PHY 2048 and 2048L
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2048L - General Physics Using Calculus I Laboratory (1)
 - Complete at least 1 courses from the following:
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **35 - 36**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - Complete the following:
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - MAC2313 - Calculus with Analytic Geometry III (4)
 - MAP2302 - Ordinary Differential Equations I (3)
 - Earn at least 4 credits from the following course sets:
 - PHY 2049C
 - PHY2049C - General Physics Using Calculus II Studio (4)
 - PHY 2049 and 2049L
 - PHY2049 - General Physics Using Calculus II (3)
 - PHY2049L - General Physics Using Calculus II Laboratory (1)
 - Complete at least 1 of the following:
 - CHS1440 - Principles of Chemistry (4)
 - CHM2045C - Chemistry Fundamentals I (4)

Grand Total Credits: **19**

Degree Requirements

Core Requirements: Basic Level
8 Total Credits

- Complete all of the following
 - EGS 1006C and EGN 1007C are for UCF FTIC students, or may be transferred to UCF. These two credits are counted toward the restricted elective credit total. STA 3032 credits are counted in the GEP Math Foundations total.
 - Complete the following:
 - EGS1006C - Introduction to the Engineering Profession (1)

- EGN1007C - Engineering Concepts and Methods (1)
- PHY3101 - General Physics Using Calculus III (3)
- Complete at least 1 of the following:
 - EGN3211 - Engineering Analysis and Computation (3)
 - PHZ3150 - Introduction to Numerical Computing (3)
- C (2.0) or better required for EGN 3211

Core Requirements: Advanced Level
47 Total Credits

- Complete all of the following
 - Engineering Requirements
 - Complete all of the following
 - Complete the following:
 - EEL3004C - Linear Circuits I (3)
 - EEE3350 - Semiconductor Devices (3)
 - EEL3123C - Linear Circuits II (3)
 - EEE3307C - Electronics I (4)
 - EEL3552C - Signal Analysis and Analog Communication (4)
 - C (2.0) or better required in EEL 3004C and EEL 3123C.
 - Photonics Requirements
 - Complete all of the following
 - Complete the following:
 - OSE3200 - Geometric Optics (3)
 - OSE3200L - Geometric Optics Lab (1)
 - OSE3052 - Foundations of Photonics (3)
 - OSE3052L - Foundations of Photonics Laboratory (1)
 - OSE3053 - Electromagnetic Waves for Photonics (3)
 - OSE4520 - Laser Engineering (3)
 - OSE4520L - Laser Engineering Laboratory (1)
 - OSE4410 - Optoelectronics (3)
 - OSE4410L - Optoelectronics Laboratory (1)
 - OSE4470 - Fiber-Optic Communications (3)
 - OSE4470L - Fiber-Optic Communications Laboratory (1)
 - OSE4830 - Imaging and Display (3)
 - OSE4830L - Imaging and Display Laboratory (1)
 - OSE4930 - Frontiers of Optics and Photonics (3)
 - C (2.0) or better required in OSE 3052

Restricted Electives
12 Total Credits

- Earn at least 12 credits from the following types of courses:
The following combination of courses can be used to meet this requirement, but at least 3 credits must be completed from an OSE-prefixed course. OSE-prefixed Restricted Elective. Credit Hours: minimum of 3 credit hours are required to be completed. Approved Restricted Electives from approved upper level photonics, engineering, physics, mathematics, or other related electives. (See myKnight Audit for a complete list) EGS 1006C Introduction to the Engineering Profession. Credit Hours: 1 EGN 1007C Engineering Concepts and Methods. Credit Hours: 1 OSE 4953 for Photonic Science and Engineering students double majoring in Electrical or Computer Engineering. Credit Hours: 1, repeatable for a total of 2 credits. All electives must be approved by the program advisor. The courses used to satisfy the restricted elective requirement and used as part of the major GPA calculation will be those with the highest grades out of all restricted elective courses the student has completed.

Capstone Requirement
6 - 8 Total Credits

- Complete 1 of the following
 - Complete the following:
 - OSE4951 - Senior Design I (3)
 - OSE4952 - Senior Design II (3)
 - Earn at least 8 credits from the following:

- EEL4914 - Senior Design I (3)
- EEL4915L - Senior Design II (3)
- OSE4953 - Senior Design Double Major ECE (1)
- Students who declare a double major in Photonic Science and Engineering along with Electrical Engineering or Computer Engineering can elect to complete the following two-semester sequence for their capstone requirements: EEL 4914 - Senior Design I and OSE 4953 - Senior Design Double Major ECE followed by EEL 4915L - Senior Design II and OSE 4953 again. Otherwise, students will need to complete OSE 4951 and OSE 4952 in addition to the ECE requirements for Senior Design (EEL 4914 and EEL 4915L)

Grand Total Credits: **73 - 75**

Program Details

Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Additional Requirements

- Photonic science and engineering students must earn at least 32 hours in residence at UCF. 24 of the 32 Residency hours must be at the 3000-5000 level, in courses taken from the College of Optics and Photonics at UCF and applicable to the degree program.

Required Minors

- None

Departmental Exit Requirements

- None

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 128

Additional Information

Honors In Major

- Application and admissions through The Burnett Honors College and department. More information about Honors in the Major can be found at honors.ucf.edu/research

Related Programs

- Electrical Engineering - Accelerated Undergraduate-Graduate (B.S.E.E. / M.S.E.E.)
- Computer Engineering - Accelerated Undergraduate-Graduate (B.S.Cp.E. / M.S.Cp.E.)
- Physics (B.S.)

Certificates

- None

Related Minors

- Engineering Leadership Minor
- Mathematics Minor
- Physics Minor

Advising Notes

- Photonic Science and Engineering major and pending students should meet with the academic advisor regularly.
- Each student should seek academic advisement before registering for classes each semester to minimize excess hours.
- Students are assumed to have knowledge of a higher level programming language.
- Students in the BSPSE Major are required to take OSE-prefixed lab courses in the same semester as the corresponding lecture course.
- Prior to enrolling in OSE 3200, students are encouraged to meet with the BSPSE Academic Advisor.
- Students who have a major GPA of less than 2.25 prior to enrolling in OSE 4951 or OSE 4953 will be required to meet with the Academic Advisor.

Transfer Notes

- Courses taken from Florida College System institutions do not substitute for upper division courses unless part of an articulated pre-engineering degree program.
- Courses transferred must be formally evaluated for equivalency credit. The student must provide all supporting information with his/her petition for this evaluation.
- EGS 1006C and EGN 1007C are required courses for incoming freshmen only and without completion of these courses, restricted elective requirement increases to 12 credit hours.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: <https://oeas.ucf.edu/about/academiclearningcompacts/>

Equipment Fees

- Part-Time Student: \$45 per term
- Full-Time Student: \$90 per term

College of Sciences

Actuarial Science (B.S.)

College

College of Sciences

Department

Department of Statistics

Program Type

Major

Program Contact Information

**College of Sciences
Statistics and Data Science Department
Technology Commons II (TC2), 212
statistics@ucf.edu**

Associate Chair and Undergraduate Advisor: Dr. Hsin-Hsiung Huang
407-823-3582
Hsin-Hsiung.Huang@ucf.edu

Admission Requirements

None.

Program Description

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Departmental Residency Requirement: at least 15 semester hours of regularly scheduled 3000-4000 level courses must be taken from the UCF Statistics and Data Science Department.
- Students must earn at least a "C" (2.0) in each course with an STA prefix.
- Students must achieve a minimum 2.0 cumulative GPA in all computer science and mathematics courses satisfying major requirements.
- Students must achieve a minimum cumulative GPA of 2.0 in all courses satisfying major requirements.
- Co-op or internship credit cannot be used in this major without prior approval.
- Students should consult with a departmental advisor.
- All prerequisites of courses taught within the College of Sciences will be enforced.
- Courses designated in 1 (General Education Program) are generally spread over 4 years, and those designated in 2 (Common Program Prerequisites) are usually completed in the first 60 hours.
- All statistics courses except the following, and those protected by Florida Common Course Numbering must be taken from, or approved by the Statistics and Data Science Department at UCF.
 - STA 2023 - Statistical Methods I
 - STA 3032 - Probability and Statistics for Engineers

General Education (GEP)

GEP Notes

0 Total Credits

- Complete all of the following
 - Certain courses must be selected for this degree that will bring the total hours of the GEP to more than 36.
 - At least one course completed in each Foundation area must be a designated State General Education Core Course. See the catalog GEP description for more information.

Communication Foundation

9 Total Credits

- Complete all of the following
 - GEP 1 & 2- Communication Foundation
 - Complete all courses from the following:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - Complete at least 1 courses from the following:
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

Historical & Cultural Foundation
6 Total Credits

- Complete all of the following
 - GEP 4- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - Complete at least courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - GEP 6- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)

- FIL2030 - History of Motion Pictures (3)
- FIL3036 - Film History I (3)
- FIL3037 - Film History II (3)
- LIT2110 - World Literature I (3)
- LIT2120 - World Literature II (3)
- MUH2017 - Survey of Rock Music (3)
- MUH2019 - American Popular Music, 1840s-present (3)
- MUL2016 - Evolution of Jazz (3)
- MUL2720 - Music of the World (3)
- PHI2010 - Introduction to Philosophy (3)
- REL2300 - World Religions (3)
- THE2000 - Theatre Survey (3)
- MUL2010 - Enjoyment of Music (3)

Mathematical Foundation

7 Total Credits

- Complete all of the following
 - GEP 7- Mathematical Foundation
 - Complete all of the following
 - Prior to enrolling in any MAC course, take the Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
 - Complete the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - GEP 8- Mathematical Foundation
 - Complete the following:
 - STA2023 - Statistical Methods I (3)

Social Foundation

6 Total Credits

- Complete all of the following
 - GEP 9- Social Foundation
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - Complete the following:
 - ECO2013 - Principles of Macroeconomics (3)

Science Foundation

8 Total Credits

- Complete all of the following
 - GEP 11- Science Foundation
 - Complete all of the following
 - Prior to enrolling into CHM2045C, take the Chemistry Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
 - Earn at least 4 credits from the following course sets:
 - CHM 2045C
 - CHM2045C - Chemistry Fundamentals I (4)
 - PHY 2053C
 - PHY2053C - College Physics I Studio (4)
 - PHY 2053 and 2053L
 - PHY2053 - College Physics I (3)
 - PHY2053L - College Physics I Laboratory (1)
 - GEP 12- Science Foundation
 - Complete the following:
 - BSC2010C - Biology I (4)

Grand Total Credits: **36**

Common Program Prerequisites (CPP) (If applicable)

14 Total Credits

- Complete all of the following
 - In addition to completing all of the required GEP (MAC2311C, ECO2013, BSC2010C, and (CHM2045C or PHY2053C)),
 - Complete the following:
 - COP3223C - Introduction to Programming with C (3)
 - ECO2023 - Principles of Microeconomics (3)
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - MAC2313 - Calculus with Analytic Geometry III (4)

Grand Total Credits: **14**

Degree Requirements

Core Requirements: Basic

3 Total Credits

- Complete all of the following
 - In addition to completing all of the required GEP (ECO2023, MAC2311C, STA2023) and CPP (COP3223C, ECO2023, MAC2312, MAC2313) courses,
 - Complete the following:
 - ACG2021 - Principles of Financial Accounting (3)

Core Requirements: Advanced

49 Total Credits

- Complete the following:
 - COT4500 - Numerical Calculus (3)
 - ENC3241 - Writing for the Technical Professional (3)
 - FIN3403 - Business Finance (3)
 - MAS3105 - Matrix and Linear Algebra (4)
 - STA4130 - Life Contingencies I (3)
 - STA4131 - Life Contingencies II (3)
 - STA4133 - Loss Models I (3)
 - STA4135 - Loss Models II (3)
 - STA4163 - Statistical Methods II (3)
 - STA4164 - Statistical Methods III (3)
 - STA4183 - Theory of Interest (3)
 - STA4184 - Introduction to Derivative Markets (3)
 - STA4186 - Theory of Derivative Pricing (3)
 - STA4321 - Statistical Theory I (3)
 - STA4322 - Statistical Theory II (3)
 - STA4852 - Applied Time Series (3)

Restrictive Electives

6 Total Credits

- Complete all of the following
 - Earn at least 6 credits from the following types of courses:
Select from upper division or graduate (5000 level) statistics, mathematics, or computer science courses (STA or ISC prefix). Selected courses in business may be used only with prior approval by the Department of Statistics.
 - The following courses cannot be used to satisfy this requirement: MHF 4404 - History of Mathematics Any course with the MAE prefix

Grand Total Credits: **58**

Program Details

Total Undergraduate Credit Hours Required: 120

Electives (9 Credit Hours)

- To fulfill the 120 hours required of this degree, select primarily from upper level courses, with departmental advisor's approval. May be outside of the department.

Foreign Language Requirements

Graduation

- None

Departmental Exit Requirements

- Students must earn at least a "C" (2.0) in each course with a STA prefix.
- Students must achieve a minimum 2.0 cumulative GPA in all computer science and mathematics courses satisfying major requirements.
- Students need to take SOA P exam (Probability) or SOA FM exam (Financial Mathematics) and report the score to the department. Only one exam needed as the exit requirement.
- Students must achieve a minimum cumulative GPA of 2.0 in all courses satisfying major requirements.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 42 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Honors In Major

- Application and admissions through The Burnett Honors College and department. More information about Honors in the Major can be found at <https://honors.ucf.edu/research/>.

Related Programs

- Mathematics (B.S.)
- Secondary Education, Mathematics Education Track (B.S.)
- Statistics (B.S.)

- Actuarial Science Minor
- Statistics Minor
- Mathematics Minor

Advising Notes

- It is the student's responsibility to ensure they have satisfied course prerequisites before registering for a class. Students should consult with a department advisor.
- Contact your college advisor in the College of Sciences Advising Services (COSAS) office (CSB 250) for more information about overall progress toward your degree, GEP and other university requirements, academic probation, special problems as well as general academic advising.

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.
- Submit your requests for course evaluations at <https://sciences.ucf.edu/cosas/> and click on "COS Course Evaluation".
- The following substitutions are acceptable for Common Program Prerequisites if taken as part of the AA course work:
 - Computer Science: any COP programming language course will satisfy the CPP. However, COP 3223C is a prerequisite for Computer Science courses and still may need to be taken.

- Biology: any 2 laboratory courses for majors with BSC, CHM, or PHY prefixes will satisfy the CPP.
- Statistics: although any STA 2XXX course will satisfy the CPP, STA 2023 is required in the program's core and will still need to be taken.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oead.ucf.edu/alc/academic_learning_compacts.htm

Actuarial Science Minor

College

College of Sciences

Department

Department of Statistics

Program Type

Minor

Program Contact Information

College of Sciences
Statistics and Data Science Department
Technology Commons II (TC2), 212
statistics@ucf.edu

Associate Chair and Undergraduate Advisor: Dr. Hsin-Hsiung Huang
 407-823-3582
 Hsin-Hsiung.Huang@ucf.edu

Admission Requirements

- Students must satisfy each course's prerequisites before enrolling in the class.
- Students are expected to have completed some of the following courses as part of their GEP requirement.
 - ACG 2021 - Principles of Financial Accounting **Credit Hours: 3**
 - MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**
 - MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**
 - MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4**
 - STA 2023 - Statistical Methods I **Credit Hours: 3**
 - STA 4321 - Statistical Theory I **Credit Hours: 3**

Program Description

This minor is designed to satisfy the Society of Actuaries (SOA) Validation by Educational Experience (VEE) requirements in the areas of Economics and Mathematical Statistics and prepare students for SOA Exam P, Exam FM and Exam IFM. It will also satisfy the Casualty Actuarial Society (CAS) VEE requirements in the area of Economics and prepare students for CAS Exam 1, Exam 2, and Exam 3F. Furthermore, it will partially satisfy both the SOA and CAS VEE requirements in the area of Accounting and Finance.

Minor Requirements

- A minimum grade of "C" (2.0) is required in all courses used to satisfy the minor.
- At least 12 hours used in the minor must be earned at UCF within the Statistics and Data Science Department.

Degree Requirements

Required Courses

21 Total Credits

- Complete the following:
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - FIN3403 - Business Finance (3)
 - STA4183 - Theory of Interest (3)
 - STA4184 - Introduction to Derivative Markets (3)
 - STA4186 - Theory of Derivative Pricing (3)
 - STA4322 - Statistical Theory II (3)

Grand Total Credits: **21**

Program Details

Total Undergraduate Credit Hours Required: 21

Other Requirements

- Internship, Co-op, or Independent Study credit cannot be used toward the minor.
- Any course substitutions must be approved by the program coordinator in advance of their being taken.

Advertising/Public Relations (B.A.)

College

College of Sciences

Department

Nicholson School of Communication and Media

Program Type

Major

Program Contact Information

College of Sciences

Nicholson School of Communication and Media

Nicholson School of Communication & Media Building (NSCM), 130

Associate Instructor & Ad/PR Program Coordinator: Joan McCain

joan.mccain@ucf.edu

Nicholson Academic Student Services Center (NASSC)

nassc@ucf.edu

407-823-2681

Admission Requirements

The Advertising/Public Relations program is a limited access program that requires a separate application.

- Students should apply to become Advertising/Public Relations majors only after completing all requirements for admission.
- Students must satisfactorily complete a minimum of 30 credit hours of college work before applying.
- The student's GPA is a major component of the admission criteria.
 - The admission GPA will be calculated using all college work attempted.
 - The GPA cut-off for admission varies each semester, depending on the applicants; but for the previous six admission periods, the GPA averaged 3.3.
- Students must pass a grammar proficiency exam administered by UCF's Testing Center, unless the student has qualifying AP or IB scores, or a "B" is earned in both freshman GEP English classes.
- Students can contact NASSC for specifics of admission criteria.
- Students must receive a positive evaluation by the Nicholson School of Communication and Media.
- Students must be in good academic standing.
- Students must complete or be enrolled into and complete the following courses with a "C" or better (if in progress at the time of admission, students who do not earn a "C" or better will be removed from the program):
 - **Complete the following: 6 Credit Hours**
 - ADV 3008 - Principles of Advertising
 - PUR 4000 - Public Relations

Application Deadlines:

- October 1 to be admitted the next spring term;
- February 1 to be admitted the next summer term;
- July 1 to be admitted the next fall term.

Program Description

The mission of the Advertising/Public Relations program is to prepare students for careers in the widely diverse fields of advertising and public relations by providing a high-quality education to students in core values, ethics and the concepts, strategies, and techniques of strategic communication, and to promote student engagement that influences real-world experience through internships, partnerships and community involvement.

Degree Requirements

- Students who change degree programs (other than from Ad-PR Pending) and select this major must adopt the most current catalog.
- Co-op credit can be used in the major with advisor's prior approval.
- School residency requirement consists of at least 24 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF Nicholson School of Communication and Media.
- Of the 120 hours required for graduation, 72 hours must be taken outside of the disciplines of Communication and Media Studies (Radio-TV and Journalism) represented within the Nicholson School of Communication and Media.
- Students electing to complete a minor must select the minor from outside the Nicholson School of Communication and Media.
- A maximum of three credit hours of internship may be earned in one semester.
- All prerequisites of courses taught within the College of Sciences will be enforced.
- Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.

General Education (GEP)

- Complete all of the following
 - At least one course completed in each Foundation area must be a designated State General Education Core Course. See the catalog GEP description for more information.
GEP 1 & 2- Communication Foundation
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
GEP 3- Communication Foundation

- Complete all of the following
 - SPC1608 - Preferred
 - Complete at least 1 courses from the following:
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - GEP 4- Historical & Cultural Foundation
- Complete all of the following
 - AMH2010 - preferred
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
- Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - GEP 6- Historical & Cultural Foundation
- Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)

- MUL2720 - Music of the World (3)
- PHI2010 - Introduction to Philosophy (3)
- REL2300 - World Religions (3)
- THE2000 - Theatre Survey (3)
- MUL2010 - Enjoyment of Music (3)
- GEP 7- Mathematical Foundation
 - Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - May substitute a higher level math with appropriate scores on the Math Placement Exam. See: <https://www.sdes.ucf.edu/placement-tests>
- GEP 8- Mathematical Foundation
 - Complete all of the following
 - Complete the following:
 - STA2014 - Principles of Statistics (3)
 - May substitute a more advanced STA course .
- GEP 9- Social Foundation
 - Complete at least 1 of the following:
 - ANT2000 - General Anthropology (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
- GEP 10- Social Foundation
 - Complete at least 1 of the following:
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
- GEP 11- Science Foundation
 - Complete at least 1 courses from the following:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
- GEP 12- Science Foundation
 - Complete at least 1 courses from the following:
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

- CPP fulfilled by completing SPC1608 and either ECO2013 or ECO2023 in the GEP.

Grand Total Credits: **0**

Degree Requirements

Core Requirements: Basic Level
6 Total Credits

- Complete all of the following
 - The following courses, specifically identified in the preceding General Education and Common Program Prerequisites sections, meet the Basic Core requirement - GEP: SPC1608, ECO2013, STA2014; CPP: ECO2023. These courses may be completed before or after admission to the program.
 - The following two courses must be in progress when applying or completed before applying to the program. A grade of "C" (2.0) or better is required. If a course is in progress at the time of admission, students who do not earn a "C" or better will be removed from the program.
 - Complete the following:
 - ADV3008 - Principles of Advertising (3)
 - PUR4000 - Public Relations (3)

Core Requirements: Advanced Level
24 Total Credits

- Complete all of the following
 - Complete the following:
 - ADV4101 - Advertising Copywriting (3)
 - MMC3200 - Mass Communication Law (3)
 - MMC3630 - Social Media as Mass Communication (3)
 - MMC4411 - Ad-PR Campaigns (3)
 - PUR3100 - Writing for Public Relations (3)
 - PUR3500 - Public Relations Research Methods (3)
 - VIC3001 - Visual Communication (3)
 - Earn at least 3 credits from the following:
 - ADV4941 - Internship (1 - 99)
 - PUR4941 - Internship (1 - 99)

Restricted Electives
15 Total Credits

- Complete all of the following
 - Select from the following after admission to the program. A maximum of three (3) credits of internship may be applied to Restricted Electives. Additional restricted electives can be taken as approved by an advisor.
 - Earn at least 15 credits from the following:
 - ADV3001 - Advertising Strategy (3)
 - ADV4103 - Radio-Television Advertising (3)
 - ADV4300 - Advertising Media Planning (3)
 - ADV4941 - Internship (1 - 99)
 - PUR3210 - Communication Approach to Corporate Social Responsibility (3)
 - PUR4600 - PR Strategies (3)
 - PUR4014 - Preparing for Public Relations Certification (3)
 - PUR4110C - Public Relations Publications (3)
 - PUR4203 - PR/Advertising Ethics and Law (3)
 - PUR4400 - Crisis Communication (3)
 - PUR4801 - Public Relations Case Studies (3)
 - PUR4941 - Internship (1 - 99)
 - VIC4312 - Power Branding (3)

Capstone Requirement
3 Total Credits

- Complete the following:
 - MMC4411 - Ad-PR Campaigns (3)

Grand Total Credits: **48**

Program Details

Electives

- To fulfill the 120 hours required of this degree, select primarily from upper level courses, with school advisor's approval. Must be from outside of the disciplines represented within school in order to not exceed the 48 credit hour cap.

Foreign Language Requirements

Graduation

- Proficiency equivalent to two semesters of college instruction in a foreign language or in American Sign Language (ASL). Standardized examinations for foreign languages may be used. ASL proficiency is met by successful completion of ASL 2140 and ASL 2150 or an appropriate score on the ASL proficiency exam. Contact the Department of Communication Sciences and Disorders (<https://healthprofessions.ucf.edu/csd/>) regarding the ASL proficiency examination. Consult with the NSCM advising staff to understand how choosing ASL impacts hours needed to graduate.

Required Minors

- None required. However if a minor is desired, it must be selected from outside the school in order to not exceed the 48 credit hour cap.

Departmental Exit Requirements

- To avoid delaying graduation, the student must request a review of requirements before registering for the last term.
- Students must achieve a minimum cumulative GPA of 2.5 in all UCF Nicholson School of Communication and Media (NSCM) courses taken in the major.
- All attempts of UCF NSCM courses that could meet major requirements are included in the major GPA calculation, including those taken beyond the minimum required (e.g. additional restricted electives).

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120 Honors In Major

- Eligibility: Requirements for admission to Honors in the Major are: completion of at least 60 semester hours of college credits including at least 12 graded upper-division hours at UCF; at least a 3.5 GPA within the major; and at least a 3.2 cumulative GPA including all upper-division courses regardless of institution; complete ADV 3008 and PUR 4000 with a minimum grade of A (4.0) and MMC 3420 or PUR 3500 with a minimum grade of B (3.0).
- Admission: Application to admission to Honors in the Major program must be approved by both the Honors in the Major thesis adviser, the Advertising/Public Relations Area Program Coordinator, and The Burnett Honors College.
- More information about Honors in the Major can be found at <https://honors.ucf.edu/research/>.

Requirements:

- Students accepted into the Honors in the Major Program must complete the following:
- Select One: (3 Credit Hours)
 - ADV4906 - Directed Independent Study
 - PUR4906 - Directed Independent Study
- Select One: (3 Credit Hours)
 - ADV4970H - Undergraduate Honors Thesis
 - PUR4970H - Undergraduate Honors Thesis

Related Programs

- Marketing (B.S.B.A.)

NOTE: Minors taught within the Nicholson School of Communication and Media are not open to Ad-PR majors.

- Business Minor
- Digital Media Minor
- Writing and Rhetoric Minor
- Hospitality Management Minor
- Marketing Minor
- Political Science Minor
- Psychology Minor
- Sociology Minor
- Mass Culture and Collective Behavior Minor

Advising Notes

- Student should consult with a School advisor.
- Students must satisfy each course's prerequisites before enrolling in the class.

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$15 per term
- Full-Time Student: \$30 per term

American Indian Studies Minor

College

College of Sciences

Department

Department of Anthropology

Program Type

Minor

Program Contact Information

College of Sciences
Anthropology Department
Howard Phillips Hall (HPH), 309
407-823-2227
anthro@ucf.edu

Undergraduate Coordinator: Dr. Sandra Wheeler
407-823-2227
sandra.wheeler@ucf.edu

Admission Requirements

- The minor is not open to Anthropology majors.

Program Description

The American Indian Studies minor will enhance a student's understanding and appreciation of the history and culture of the North American Indians. The minor is especially appropriate for UCF undergraduates who are not majoring in Anthropology.

Minor Requirements

- Students must earn a grade of "C" (2.0) or better in all courses used to satisfy the minor.
- At least 15 hours used in the minor must be earned at UCF.
- Only two anthropology courses can overlap for students enrolled in multiple anthropology programs (minors and certificates).

Prerequisite Courses

- Most courses for this minor will have prerequisites completed as a part of a student's GEP requirement, as general electives, or a student can enroll into courses with consent of instructor.

Degree Requirements

Required Courses

9 Total Credits

- Complete at least 3 of the following:
 - AMH3580 - North American Indians (3)
 - ANT3245 - Native American Religions (3)
 - ANT3312 - Ethnology of North American Indians (3)
 - ANT4153 - North American Archaeology (3)

Restricted Electives

9 Total Credits

- Complete all of the following
 - Complete at least 3 of the following:
 - AMH2010 - U.S. History: 1492-1877 (3)
 - AMH2020 - U.S. History: 1877-Present (3)
 - AMH3441 - History of the Frontier: Eastern America (3)
 - AML3643 - Contemporary Native American Prose and Poetry (3)
 - ANT3152 - Archaeology of the Greater Southwest (3)
 - ANT3154 - A Survey of American Historical Archaeology (3)
 - ANT3158 - Florida Archaeology (3)
 - ANT3311 - Indians of the Southeastern United States (3)
 - CPO4794 - Indigenous Politics and the Environment (3)
 - POS3076 - American Indian Politics (3)
 - One course substitution for the American Indian Studies minor will only be allowed with prior approval from a minor advisor.

Grand Total Credits: **18**

Program Details

Total Undergraduate Credit Hours Required: 18

Other Requirements

- No credit by exam (TSD, Military credit) may be used to satisfy the minor.

Anthropological Archaeology Minor

College

College of Sciences

Department

Department of Anthropology

Program Type

Minor

Program Contact Information

**College of Sciences
Anthropology Department
Howard Phillips Hall (HPH), 309
407-823-2227
anthro@ucf.edu**

Undergraduate Coordinator: Dr. Sandra Wheeler
407-823-2227
sandra.wheeler@ucf.edu

Admission Requirements

- The minor is not open to Anthropology majors.

Program Description

The Anthropological Archaeology minor offers students an opportunity to contextualize the modern world through the recent and more distant past. The minor emphasizes both the methods by which archaeologists study the past and areas of geographic and topical interest. The minor is ideal for students interested in understanding the long-term processes underlying modern global phenomena such as urban development, increasing inequality, the adoption of agriculture, foodways, and human adaptation to climate change.

Minor Requirements

- Students must earn a grade of "C" (2.0) or better in all courses used to satisfy the minor.
- At least 15 hours used in the minor must be earned at UCF within the Anthropology Department.
- Only two anthropology courses can overlap for students enrolled in multiple anthropology programs (minors or certificates).

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Degree Requirements

Required Courses

6 Total Credits

- Complete the following:
 - ANT2140 - Introduction to Archaeology (3)
 - ANT4115C - Archaeological Method and Theory (3)

Restricted Electives

12 Total Credits

- Complete all of the following
 - Students may substitute one upper level course in anthropology for those not listed here with prior permission.
 - Complete at least 4 of the following:
 - ANT3106 - Archaeology and Popular Culture (3)
 - ANT3107 - Blood and Valor in the Viking World (3)
 - ANT3142 - Old World Prehistory (3)
 - ANT3145 - Archaeology of Complex Societies (3)
 - ANT3148 - Life and Death in Ancient Egypt (3)
 - ANT3152 - Archaeology of the Greater Southwest (3)
 - ANT3154 - A Survey of American Historical Archaeology (3)
 - ANT3158 - Florida Archaeology (3)
 - ANT3160 - Americas Before Columbus (3)
 - ANT3161 - Ancient Mexico: Aztec to Zapotec (3)
 - ANT3163 - Mesoamerican Archaeology (3)
 - ANT3164 - Ancient Incas (3)
 - ANT3165 - Archaeology of South America (3)
 - ANT3168 - Maya Archaeology (3)
 - ANT3169 - Life and Death in the Ancient Andes (3)
 - ANT3173 - Archaeology of Sex (3)
 - ANT3174 - Battlefield Archaeology (3)
 - ANT3177 - Archaeology of Caribbean Piracy (3)
 - ANT3179 - Australian Archaeology and Indigenous Cultures (3)
 - ANT3290 - Anthropology of Plants and People (3)
 - ANT3943 - Caribbean Archaeology Practicum (3)
 - ANT4027 - Mummies, Life After Death (3)
 - ANT4051 - Environmental Anthropology (3)
 - ANT4105 - Saving the Plundered Past: Ethics and Controversy in Contemporary Archaeology (3)
 - ANT4123 - Archaeology of Coastal Societies (3)
 - ANT4153 - North American Archaeology (3)
 - ANT4170 - Household Archaeology: The Archaeology of Everyday Life (3)
 - ANT4171 - Anthropology: The Battle of the Sexes?: The Archaeology of Gender (3)
 - ANT4183 - Archaeological Sciences (3)
 - ANT4184 - Mortuary Archaeology (3)
 - ANT4187 - Paleoethnobotany (3)
 - ANT4441 - Anthropology of Cities (3)
 - ANT4483 - Health and Healing in the Ancient World: An Anthropological Perspective (3)
 - ANT4824 - Archaeological Field Study (3)
 - ANT4852 - GIS Methods in Anthropology (3)
 - ANT4854 - Advanced GIS Methods in Anthropology (3)

Grand Total Credits: **18**

Program Details

Total Undergraduate Credit Hours Required: 18

Anthropology (B.A.)

College

College of Sciences

Department

Department of Anthropology

Program Type

Major

Program Contact Information

**College of Sciences
Department of Anthropology
Howard Phillips Hall (HPH), 309
407-823-2227
anthro@ucf.edu**

Undergraduate Coordinator: Dr. Sandra Wheeler
407-823-2227
sandra.wheeler@ucf.edu

Is this program available 100% online?

Yes

UCF Online

Online Anthropology, BA

Anthropology (B.A.) may be completed fully online, although not all elective options or program prerequisites may be offered online. Newly admitted students choosing to complete this program exclusively via UCF online classes may enroll with a reduction in campus-based fees.

Admission Requirements

None.

Program Description

The Anthropology major results in broad holistic understanding of humans and the human condition, both past and present. Students study all subfields of Anthropology: Archaeology, Cultural Anthropology, Linguistics, and Physical Anthropology. Students are encouraged to gain first-hand experience through research and fieldwork.

Degree Requirements

- UCF students who change degree programs and select this major must adopt the most current catalog.
- Departmental Residency Requirement: at least 30 semester hours of regularly scheduled 3000-4000 level courses must be taken from the UCF Anthropology Department
- Students must maintain a minimum cumulative GPA of 2.0 in all major requirements. See Department Exit Requirements for more information.
- Anthropology majors must earn a 'C' (2.0) or better in all Core Requirements and Restricted Electives. Students may make a request to the Undergraduate Coordinator to be granted the use of one C- toward the major requirements.
- Co-op or internship can be used in the major with prior approval.
- Students should consult with a department advisor.
- All prerequisites of courses taught within the College of Sciences will be enforced.
- Courses designated in General Education Program (GEP) and Common Program Prerequisites (CPP) are usually completed in the first 60 hours.

General Education (GEP)

36 - 38 Total Credits

- Complete all of the following
 - At least one course completed in each Foundation area must be a designated State General Education Core Course. See the catalog GEP description for more information.
 - GEP 1 & 2- Communication Foundation
 - Complete all courses from the following:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - Complete at least 1 courses from the following:
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - GEP 4- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - Complete the following:
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - GEP 6- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - GEP 7- Mathematical Foundation
 - Complete all of the following
 - MGF1106 or MGF1107 - Preferred You may also substitute a higher level math with appropriate scores on the Math Placement Exam.
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation

- MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
- GEP 8- Mathematical Foundation
 - Complete all of the following
 - STA 2014 - Preferred
 - Complete at least 1 courses from the following:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)
- GEP 9- Social Foundation
 - Complete the following:
 - ANT2000 - General Anthropology (3)
- GEP 10- Social Foundation
 - Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
- GEP 11- Science Foundation
 - Complete at least 1 courses from the following:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
- GEP 12- Science Foundation
 - Complete the following:
 - ANT4521 - Forensic Anthropology (3)

Grand Total Credits: **36 - 38**

Common Program Prerequisites (CPP) (If applicable)

- CPP completed by enrolling into ANT2000 and ANT2511 (GEP).

Grand Total Credits: **0**

Degree Requirements

Core Requirements: Basic Level

6 Total Credits

- Complete all of the following
 - In addition to completing the required GEP/CPP (ANT2511),
 - Complete the following:
 - ANT2140 - Introduction to Archaeology (3)
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)

Core Requirements: Advanced Level

6 Total Credits

- Complete the following:
 - ANT3610 - Language and Culture (3)
 - ANT4034 - History of Anthropological Thought (3)

Restricted Electives

30 - 31 Total Credits

- Complete 1 of the following
 - Student must choose either the General Track or the Anthropological Methods and Practice Track.
General Track
 - Complete all of the following
 - Core
 - Complete all of the following
 - Complete the following:
 - ANT3145 - Archaeology of Complex Societies (3)
 - Complete at least 1 of the following:
 - ANT4516 - Human Biological Diversity (3)
 - ANT4586C - Human Origins (3)
 - Restricted Electives
 - Complete all of the following
 - Earn at least 3 credits from the following:
 - ANT3107 - Blood and Valor in the Viking World (3)
 - ANT3148 - Life and Death in Ancient Egypt (3)
 - ANT3152 - Archaeology of the Greater Southwest (3)
 - ANT3158 - Florida Archaeology (3)
 - ANT3160 - Americas Before Columbus (3)
 - ANT3161 - Ancient Mexico: Aztec to Zapotec (3)
 - ANT3163 - Mesoamerican Archaeology (3)
 - ANT3164 - Ancient Incas (3)
 - ANT3165 - Archaeology of South America (3)
 - ANT3168 - Maya Archaeology (3)
 - ANT3169 - Life and Death in the Ancient Andes (3)
 - ANT3176 - African Archaeology and Prehistory (3)
 - ANT3177 - Archaeology of Caribbean Piracy (3)
 - ANT3179 - Australian Archaeology and Indigenous Cultures (3)
 - ANT3311 - Indians of the Southeastern United States (3)
 - ANT3312 - Ethnology of North American Indians (3)
 - ANT3330 - Anthropology of the Amazon (3)
 - ANT3362 - Peoples of Southeast Asia (3)
 - ANT4153 - North American Archaeology (3)
 - ANT4332 - People and Cultures of Latin America (3)
 - ANT4340 - Caribbean Cultures (3)
 - ANT4352 - African Societies and Cultures (3)
 - Additional area study electives with the ANT prefix can be taken as approved by an advisor.
 - Earn at least 21 credits from the following types of courses:
Select 7 additional upper-level Anthropology courses (21 credits). All courses with the prefix ANT, including special topic courses, will count towards restricted electives if they have not been used to fulfill other requirements and are subject to the following restrictions. Because new courses are frequently added, consult online course schedules for the most up-to-date list of available and upcoming elective courses. Electives can be selected from the list below or from the Area Study list above. Seniors may select 5000 level courses with the prefix ANG to count toward restricted electives. Students must seek prior approval for these courses. Students may not take both the 4000 level and the 5000 level course when available. Only one of the following may be taken: ANT 3905 - Directed Independent Study ANT 3940 - Internship Credit ANT 3949 - Cooperative Education in Anthropology ANT 3943 - Caribbean Archaeology Practicum ANT 3955 - Study Abroad ANT 4906 - Directed Independent Study ANT 4912 - Directed Independent Research ANT 4941 - Internship ANT 4949 - Cooperative Education ANT 4955 - Study Abroad ANG 5907 - Independent

Study ANG 5917 - Directed Research None of the following may be taken: ANT 4903H
- Honors Directed Reading I ANT 4904H - Honors Directed Reading II ANT 4970H -
Undergraduate Honors Thesis

Anthropological Methods and Practice Track

◦ Complete all of the following

Core

■ Complete all of the following

■ Additional core requirement courses with the ANT prefix and required concentration can be taken as approved by an advisor.

■ Anthropological Methodology and Theory:

■ Complete at least 1 of the following:

- ANT4115C - Archaeological Method and Theory (3)
- ANT4591 - Quantitative Methods in Biological Anthropology (3)
- ANT4802 - Ethnographic Field Methods (3)

■ Applied, Field, or Laboratory Methods:

■ Complete at least 1 of the following:

- ANT3550C - Primatology (3)
- ANT3701 - Engagement & Social Change: Public Anthropology (3)
- ANT4081 - Science, Technology, and Culture (3)
- ANT4115C - Archaeological Method and Theory (3)
- ANT4187 - Paleoethnobotany (3)
- ANT4480 - Global Health in Anthropological Perspective (3)
- ANT4516 - Human Biological Diversity (3)
- ANT4525C - Human Osteology (4)
- ANT4586C - Human Origins (3)
- ANT4591 - Quantitative Methods in Biological Anthropology (3)
- ANT4802 - Ethnographic Field Methods (3)
- ANT4852 - GIS Methods in Anthropology (3)
- ANT4854 - Advanced GIS Methods in Anthropology (3)

■ High-Impact Learning Experience:

■ Earn at least 3 credits from the following types of courses:

ANT 3940 - Internship ANT 3943 - Caribbean Archaeology Practicum ANT 3949 - Cooperative Education in Anthropology ANT 3955 - Study Abroad ANT 4912 - Directed Independent Research ANT 4941 - Internship ANT 4949 - Cooperative Education ANT 4955 - Study Abroad ANT 4970H - Undergraduate Honors Thesis

Restricted Electives

■ Complete all of the following

■ Select 7 additional upper-level Anthropology courses (21 hours). These may include other methods courses from Anthropological Methods or Applied, Field or Laboratory Methods listed or any other courses with the ANT prefix at the 3000 or 4000 level, including special topic courses, that may be offered (see below for restrictions). Because new courses are frequently added, consult online course schedules for the most up-to-date list of available and upcoming elective courses.

■ Earn at least 21 credits from the following types of courses:

Select from the following lists of courses:

■ Any of the following can be applied to Restricted Electives: ANT 3026 - Mummies, Zombies, and Vampires: Anthropology of the Undead ANT 3106 - Archaeology and Popular Culture ANT 3107 - Blood and Valor in the Viking World ANT 3142 - Old World Prehistory ANT 3145 - Archaeology of Complex Societies ANT 3148 - Life and Death in Ancient Egypt ANT 3152 - Archaeology of the Greater Southwest ANT 3158 - Florida Archaeology ANT 3160 - Americas Before Columbus ANT 3161 - Ancient Mexico: Aztec to Zapotec ANT 3163 - Mesoamerican Archaeology ANT 3164 - Ancient Incas ANT 3165 - Archaeology of South America ANT 3168 - Maya Archaeology ANT 3169 - Life and Death in the Ancient Andes ANT 3173 - Archaeology of Sex ANT 3176 - African Archaeology and Prehistory ANT 3177 - Archaeology of Caribbean Piracy ANT 3179 - Australian Archaeology and Indigenous Cultures ANT 3212 - Peoples of the World ANT 3241 - Magic, Ritual, and Belief ANT 3245 - Native American Religions ANT 3275 - Anthropological Perspectives on Refugees ANT 3290 - Anthropology of Plants and People ANT 3302 - Sex, Gender and Culture ANT 3311 - Indians of the Southeastern United States ANT 3312 - Ethnology of North American Indians ANT 3330 - Anthropology of the Amazon ANT 3362 - Peoples of Southeast Asia ANT 3451 - Race Matters: Anthropological Approaches to Racism ANT 3541 - Biobehavioral

Anthropology ANT 3550C - Primatology ANT 3701 - Engagement & Social Change: Public Anthropology ANT 4013 - Anthropology of Fast Food ANT 4027 - Mummies, Life After Death ANT 4051 - Environmental Anthropology ANT 4081 - Science, Technology, and Culture ANT 4115C - Archaeological Method and Theory ANT 4123 - Archaeology of Coastal Societies ANT 4153 - North American Archaeology ANT 4170 - Household Archaeology: The Archaeology of Everyday Life ANT 4171 - Anthropology: The Battle of the Sexes?: The Archaeology of Gender ANT 4183 - Archaeological Sciences ANT 4184 - Mortuary Archaeology ANT 4187 - Paleoethnobotany ANT 4189 - Lithic Analysis: Archaeology of Stone Tools ANT 4332 - People and Cultures of Latin America ANT 4340 - Caribbean Cultures ANT 4352 - African Societies and Cultures ANT 4406 - Pain and Suffering: The Anthropology of Violence ANT 4408 - Culture, Disease, and Healing ANT 4462 - Medical Anthropology ANT 4467 - Nutritional Anthropology ANT 4480 - Global Health in Anthropological Perspective ANT 4481 - Anthropology of Drugs and Addiction ANT 4482 - Anthropology of Mental Health ANT 4483 - Health and Healing in the Ancient World: An Anthropological Perspective ANT 4516 - Human Biological Diversity ANT 4521 - Forensic Anthropology ANT 4525C - Human Osteology ANT 4560 - Birth to Death: Anthropological Perspectives on Human Growth ANT 4586C - Human Origins ANT 4591 - Quantitative Methods in Biological Anthropology ANT 4702 - Culture, Inequality and Global Development ANT 4802 - Ethnographic Field Methods ANT 4852 - GIS Methods in Anthropology ANT 4854 - Advanced GIS Methods in Anthropology

- If not completed in the High-Impact Learning Experience, one course (3 credits) can be taken from the following: ANT 3940 - Internship ANT 3949 - Cooperative Education in Anthropology ANT 4941 - Internship ANT 4949 - Cooperative Education ANT 4970H - Undergraduate Honors Thesis
- Students may not receive credit towards Core: High-Impact Learning Experience or Restricted Electives for both the 3000 and 4000 level Internship or Cooperative Education Courses. None of the following may be taken as Restricted Electives: ANT 4903H - Honors Directed Reading I ANT 4904H - Honors Directed Reading II ANT 3943 - Caribbean Archaeology Practicum ANT 3955 Study Abroad ANT 4906 - Directed Independent Study ANT 4912 - Directed Independent Research ANT 4955 - Study Abroad

Grand Total Credits: **42 - 43**

Program Details

Electives

- Select primarily from upper level courses within the Nicholson School of Communication and Media after meeting with a departmental advisor.

Foreign Language Requirements

Graduation

- Proficiency equivalent to two semesters of college instruction in a foreign language (taught by the Department of Modern Languages and Literatures or Judaic Studies) or in American Sign Language (ASL). Standardized examinations for foreign languages may be used. ASL proficiency is met by successful completion of ASL 2140 and ASL 2150 or an appropriate score on the ASL proficiency exam. Contact the Department of Communication Sciences and Disorders (<https://healthprofessions.ucf.edu/csd/>) regarding the ASL proficiency examination. Consult with the NSCM advising staff to understand how choosing ASL might impact hours needed to graduate.

Departmental Exit Requirements

- A student must achieve at least a "C" (2.0) GPA in all major requirements. All attempts of courses taken are included in the major GPA calculation. Additional courses that could meet requirements but are taken beyond the minimum required (e.g. additional restricted electives beyond 24 hours) and a "C" (2.0) or better is earned are also included in the GPA calculation.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.

- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120 Honors In Major

- Students interested in completing Honors in the Major should contact their program advisor. More information about Honors in the Major can be found at <http://research.honors.ucf.edu/honors-in-the-major>.

Related Programs

- Social Sciences (B.S.)
- Sociology (B.A./B.S.)
- Africana Studies Minor
- American Studies Minor
- Asian Studies Minor
- Diplomacy Minor
- English, Linguistics Minor
- International and Global Studies Minor
- Judaic Studies Minor
- Latin American Studies Minor
- Medical Sociology Minor
- Middle Eastern Studies Minor
- Nonprofit Management Minor
- Sociology Minor
- Women's and Gender Studies Minor
- World Comparative Studies Minor

Note - the following minors are not open to Anthropology majors

- American Indian Studies Minor
- Anthropological Archaeology Minor
- Anthropology Minor
- Anthropology in Multicultural Studies Minor
- Biological Anthropology Minor
- Cultural Anthropology Minor
- Medical Anthropology Minor

Advising Notes

- Contact your college advisor in the College of Sciences Advising Services (COSAS) office (CSB 250) for more information about overall progress toward your degree, GEP and other university requirements, academic probation, special problems as well as general academic advising.

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.
- Acceptable Substitutes for Transfer Courses
 - Although any two ANT courses satisfy the CPP, ANT 2511 is required in the core and must be taken.
 - Field school courses from other academic institutions may be accepted for a maximum of 3 credits for Restricted Elective in the General Track or for the High-Impact Learning Experience in the Anthropological Methods and Practice Track

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Anthropology in Multicultural Studies Minor

College

College of Sciences

Department

Department of Anthropology

Program Type

Minor

Program Contact Information

**College of Sciences
Anthropology Department
Howard Phillips Hall (HPH), 309
407-823-2227
anthro@ucf.edu**

Undergraduate Coordinator: Dr. Sandra Wheeler
407-823-2227
sandra.wheeler@ucf.edu

Admission Requirements

- The minor is not open to Anthropology majors.

Program Description

In an increasingly connected world, a foundation in multicultural studies is more important than ever. This minor allows students to develop a broad and deep understanding of the diversity and interconnectedness of societies around the world in the past and present. Students will be exposed to various cultures around the world in comparative and specialist courses from the perspectives of cultural and archaeological anthropology, including health, environment, governance, policy, and more.

Minor Requirements

- Students must earn a grade of "C" (2.0) or better in all courses used to satisfy the minor.
- At least 15 hours used in the minor must be earned at UCF within the Anthropology Department.
- Only two anthropology courses can overlap for students enrolled in multiple anthropology programs (minors or certificates). (Note: The myKnight Audit cannot capture overlapping courses between two or more programs; therefore, students should have their program reviewed by the department before filing for graduation.)

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Degree Requirements

Required Courses

3 Total Credits

- Complete at least 1 of the following:
 - ANT2000 - General Anthropology (3)
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)

Restricted Electives

15 Total Credits

- Complete all of the following
 - Substitutions, including graduate courses, require prior consent of the Anthropology Coordinator.
 - Earn at least 15 credits from the following:
 - ANT3026 - Mummies, Zombies, and Vampires: Anthropology of the Undead (3)
 - ANT3107 - Blood and Valor in the Viking World (3)
 - ANT3148 - Life and Death in Ancient Egypt (3)
 - ANT3160 - Americas Before Columbus (3)
 - ANT3161 - Ancient Mexico: Aztec to Zapotec (3)
 - ANT3163 - Mesoamerican Archaeology (3)
 - ANT3164 - Ancient Incas (3)
 - ANT3165 - Archaeology of South America (3)
 - ANT3168 - Maya Archaeology (3)
 - ANT3169 - Life and Death in the Ancient Andes (3)
 - ANT3177 - Archaeology of Caribbean Piracy (3)
 - ANT3179 - Australian Archaeology and Indigenous Cultures (3)
 - ANT3212 - Peoples of the World (3)
 - ANT3241 - Magic, Ritual, and Belief (3)
 - ANT3245 - Native American Religions (3)
 - ANT3275 - Anthropological Perspectives on Refugees (3)
 - ANT3290 - Anthropology of Plants and People (3)
 - ANT3302 - Sex, Gender and Culture (3)
 - ANT3312 - Ethnology of North American Indians (3)
 - ANT3330 - Anthropology of the Amazon (3)
 - ANT3362 - Peoples of Southeast Asia (3)
 - ANT3451 - Race Matters: Anthropological Approaches to Racism (3)
 - ANT3541 - Biobehavioral Anthropology (3)
 - ANT3610 - Language and Culture (3)
 - ANT3701 - Engagement & Social Change: Public Anthropology (3)
 - ANT4013 - Anthropology of Fast Food (3)
 - ANT4027 - Mummies, Life After Death (3)
 - ANT4034 - History of Anthropological Thought (3)
 - ANT4051 - Environmental Anthropology (3)
 - ANT4081 - Science, Technology, and Culture (3)
 - ANT4187 - Paleoethnobotany (3)
 - ANT4332 - People and Cultures of Latin America (3)
 - ANT4408 - Culture, Disease, and Healing (3)
 - ANT4441 - Anthropology of Cities (3)
 - ANT4467 - Nutritional Anthropology (3)
 - ANT4480 - Global Health in Anthropological Perspective (3)
 - ANT4481 - Anthropology of Drugs and Addiction (3)
 - ANT4482 - Anthropology of Mental Health (3)
 - ANT4483 - Health and Healing in the Ancient World: An Anthropological Perspective (3)
 - ANT4516 - Human Biological Diversity (3)
 - ANT4702 - Culture, Inequality and Global Development (3)
 - ANT4802 - Ethnographic Field Methods (3)

Grand Total Credits: **18**

Program Details

Total Undergraduate Credit Hours Required: 18

Anthropology Minor

College

College of Sciences

Department

Department of Anthropology

Program Type

Minor

Program Contact Information

College of Sciences
Anthropology Department
Howard Phillips Hall (HPH), 309
407-823-2227
anthro@ucf.edu

Undergraduate Coordinator: Dr. Sandra Wheeler
407-823-2227
sandra.wheeler@ucf.edu

Admission Requirements

- The minor is not open to Anthropology majors.

Program Description

The Anthropology minor develops a student's holistic understanding of the past and present human condition.

Minor Requirements

- Students must earn a grade of "C" (2.0) or better in all courses used to satisfy the minor.
- At least 15 hours used in the minor must be earned at UCF within the Anthropology Department unless two of the three lower-division required courses were completed at another institution. In that case, at least 12 hours used in the minor must be earned at UCF within the Anthropology Department.
- Only two anthropology courses can overlap for students enrolled in multiple anthropology programs (minors or certificates). (Note: The myKnight Audit cannot capture overlapping courses between two or more programs; therefore, students should have their program reviewed by the department before filing for graduation.)

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Degree Requirements

Required Courses
9 Total Credits

- Complete all of the following
 - Complete at least 3 of the following:
 - ANT2000 - General Anthropology (3)
 - ANT2140 - Introduction to Archaeology (3)

- ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
- ANT2511 - The Human Species (3)
- Students may substitute one upper-level anthropology course with prior permission.

Restricted Electives

9 - 10 Total Credits

- Complete at least 3 of the following:
 - ANT3026 - Mummies, Zombies, and Vampires: Anthropology of the Undead (3)
 - ANT4521 - Forensic Anthropology (3)
 - ANT3107 - Blood and Valor in the Viking World (3)
 - ANT3142 - Old World Prehistory (3)
 - ANT3145 - Archaeology of Complex Societies (3)
 - ANT3148 - Life and Death in Ancient Egypt (3)
 - ANT3152 - Archaeology of the Greater Southwest (3)
 - ANT3154 - A Survey of American Historical Archaeology (3)
 - ANT3158 - Florida Archaeology (3)
 - ANT3160 - Americas Before Columbus (3)
 - ANT3161 - Ancient Mexico: Aztec to Zapotec (3)
 - ANT3163 - Mesoamerican Archaeology (3)
 - ANT3164 - Ancient Incas (3)
 - ANT3165 - Archaeology of South America (3)
 - ANT3168 - Maya Archaeology (3)
 - ANT3169 - Life and Death in the Ancient Andes (3)
 - ANT3173 - Archaeology of Sex (3)
 - ANT3174 - Battlefield Archaeology (3)
 - ANT3177 - Archaeology of Caribbean Piracy (3)
 - ANT3179 - Australian Archaeology and Indigenous Cultures (3)
 - ANT3212 - Peoples of the World (3)
 - ANT3241 - Magic, Ritual, and Belief (3)
 - ANT3245 - Native American Religions (3)
 - ANT3275 - Anthropological Perspectives on Refugees (3)
 - ANT3290 - Anthropology of Plants and People (3)
 - ANT3302 - Sex, Gender and Culture (3)
 - ANT3311 - Indians of the Southeastern United States (3)
 - ANT3312 - Ethnology of North American Indians (3)
 - ANT3330 - Anthropology of the Amazon (3)
 - ANT3362 - Peoples of Southeast Asia (3)
 - ANT3451 - Race Matters: Anthropological Approaches to Racism (3)
 - ANT3541 - Biobehavioral Anthropology (3)
 - ANT3550C - Primatology (3)
 - ANT3610 - Language and Culture (3)
 - ANT3701 - Engagement & Social Change: Public Anthropology (3)
 - ANT3943 - Caribbean Archaeology Practicum (3)
 - ANT4013 - Anthropology of Fast Food (3)
 - ANT4027 - Mummies, Life After Death (3)
 - ANT4034 - History of Anthropological Thought (3)
 - ANT4051 - Environmental Anthropology (3)
 - ANT4081 - Science, Technology, and Culture (3)
 - ANT4105 - Saving the Plundered Past: Ethics and Controversy in Contemporary Archaeology (3)
 - ANT4115C - Archaeological Method and Theory (3)
 - ANT4123 - Archaeology of Coastal Societies (3)
 - ANT4153 - North American Archaeology (3)
 - ANT4170 - Household Archaeology: The Archaeology of Everyday Life (3)
 - ANT4171 - Anthropology: The Battle of the Sexes?: The Archaeology of Gender (3)
 - ANT4183 - Archaeological Sciences (3)
 - ANT4184 - Mortuary Archaeology (3)
 - ANT4187 - Paleoethnobotany (3)
 - ANT4332 - People and Cultures of Latin America (3)
 - ANT4406 - Pain and Suffering: The Anthropology of Violence (3)
 - ANT4408 - Culture, Disease, and Healing (3)
 - ANT4441 - Anthropology of Cities (3)
 - ANT4462 - Medical Anthropology (3)

- ANT4467 - Nutritional Anthropology (3)
- ANT4480 - Global Health in Anthropological Perspective (3)
- ANT4481 - Anthropology of Drugs and Addiction (3)
- ANT4482 - Anthropology of Mental Health (3)
- ANT4483 - Health and Healing in the Ancient World: An Anthropological Perspective (3)
- ANT4516 - Human Biological Diversity (3)
- ANT4521 - Forensic Anthropology (3)
- ANT4525C - Human Osteology (4)
- ANT4560 - Birth to Death: Anthropological Perspectives on Human Growth (3)
- ANT4586C - Human Origins (3)
- ANT4702 - Culture, Inequality and Global Development (3)
- ANT4802 - Ethnographic Field Methods (3)
- ANT4852 - GIS Methods in Anthropology (3)
- ANT4854 - Advanced GIS Methods in Anthropology (3)

Grand Total Credits: **18 - 19**

Program Details

Total Undergraduate Credit Hours Required: 18

Anthropology of Global Health Certificate

College

College of Sciences

Department

Department of Anthropology

Program Type

Certificate

Program Contact Information

College of Sciences
Anthropology Department
Howard Phillips Hall (HPH), 309
 407-823-2227
anthro@ucf.edu

Associate Professor: Dr. Joanna Mishtal
 joanna.mishtal@ucf.edu
 407-823-2227

Program Description

The Anthropology of Global Health Certificate offers students the opportunity to pursue the rapidly growing field of global health from an anthropological perspective, which examines global health problems by situating them in local contexts. Global health issues such as refugee health, global mental health, and emergent "superbugs" (e.g., Ebola, Zika), are of increasing concern and interest. Health is also the focus of the work of numerous public, private, non-governmental and non-profit organizations in the U.S. and abroad. This certificate allows UCF students interested in health to pursue this educational focus, regardless of their major.

Admission Requirements

- None

Certificate Requirements

- A minimum overall 2.0 GPA is required in courses used to satisfy requirement.
- At least 12 hours used toward the certificate must be earned at UCF.
- Anthropology majors may apply only two anthropology courses from the certificate program curriculum toward the required anthropology major courses.

Prerequisite Courses

- None

Degree Requirements

Required Courses

6 Total Credits

- Complete all of the following
 - Students must satisfy the prerequisites, if any, for each course before enrolling in the class.
 - Complete the following:
 - ANT4480 - Global Health in Anthropological Perspective (3)
 - Complete at least 1 of the following:
 - ANT4408 - Culture, Disease, and Healing (3)
 - INR2002 - International Relations-Theory and Practice (3)

Restricted Electives

9 Total Credits

- Complete at least 3 of the following:
 - ANT3701 - Engagement & Social Change: Public Anthropology (3)
 - ANT4013 - Anthropology of Fast Food (3)
 - ANT4081 - Science, Technology, and Culture (3)
 - ANT4462 - Medical Anthropology (3)
 - ANT4467 - Nutritional Anthropology (3)
 - ANT4481 - Anthropology of Drugs and Addiction (3)
 - ANT4482 - Anthropology of Mental Health (3)
 - ANT4483 - Health and Healing in the Ancient World: An Anthropological Perspective (3)
 - ANT4702 - Culture, Inequality and Global Development (3)
 - COM4550 - Public Communication Campaigns (3)
 - CPO3034 - Politics of Developing Areas (3)
 - CPO3103 - Comparative Politics (3)
 - ENC3453 - Writing About Health and Medicine (3)
 - ENC4378 - Writing in Global and Transnational Contexts (3)
 - GEO3471 - World Political Geography (3)
 - HSA3012 - Issues & Trends in Public Health (3)
 - HSC4201 - Community Health (3)
 - HSC4652 - Health Law and Ethics (3)
 - INR3016 - Global Political Issues (3)
 - INR4008 - Global Perspectives (3)
 - INR4011 - Politics of Globalization (3)
 - INR4035 - International Political Economy (3)
 - INR4075 - Human Rights Policy (3)
 - INR4076 - Global Drug Policy (3)
 - INR4085 - Women, Gender, and Globalization (3)
 - INR4350 - Global Environmental Politics (3)
 - MCB4276 - Epidemiology of Infectious Diseases (3)
 - PAF4754 - Interdisciplinary Leadership in Public Affairs (3)
 - SYO4400 - Medical Sociology (3)
 - SYO4401 - Social Determinants of Health (3)
 - SYO4132 - Global Family Trends (3)
 - SYP4454 - Global Inequality and Society (3)
 - WST3020 - Girls' Studies (3)
 - WST4415 - Global and Transnational Feminism (3)

Grand Total Credits: **15**

Program Details

Total Undergraduate Credit Hours Required: 15

Other Requirements

- Relevant internship, research, or independent study credit can be used to replace one elective course only with prior approval from the certificate advisor.
- One substitution for an elective course with another relevant course will only be allowed with prior approval from the certificate advisor.

Astronomy Minor

College

College of Sciences

Department

Department of Physics

Program Type

Minor

Program Contact Information

College of Sciences

Department of Physics

Physical Sciences Building (PSB), 430

407-823-2325

physics@ucf.edu

Associate Lecturer: Dr. James Cooney

James.Cooney@ucf.edu

The astronomy minor is designed to provide the basic fundamentals of modern astronomy by including survey courses as well as practical courses with a choice from a set of more detailed and in-depth upper-division courses.

Admission Requirements

- The minor is not open to Physics majors with an Astronomy specialization.

Program Description

Minor Requirements

- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades below "C" (2.0) in lower level courses are not accepted.
- At least 9 hours used in the minor must be earned at UCF within the Department of Physics.

Prerequisite Courses

- Most courses for this minor will have prerequisites completed as a part of a student's GEP requirement, as general electives, or a student can enroll into courses with consent of instructor.

Degree Requirements

Required Courses

10 Total Credits

- Complete all of the following
 - Complete the following:
 - AST2002 - Astronomy (3)
 - Earn at least 4 credits from the following course sets:
 - PHY 2048C
 - PHY2048C - General Physics Using Calculus I Studio (4)
 - PHY 2048 and 2048L
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2048L - General Physics Using Calculus I Laboratory (1)
 - Complete at least 1 of the following:
 - AST4700 - Experimental Methods in Astronomy (3)
 - AST4762C - Astronomical Data Analysis (3)

Restricted Electives

9 Total Credits

- Complete all of the following
 - Three (3) courses are required from upper division AST courses. AST 4912 - Directed Independent Study - may also be taken.
 - Earn at least 9 credits from the following:
 - AST3114 - Space Weather in the Solar System (3)
 - AST3211 - Stellar Astrophysics (3)
 - AST3402 - Galaxies and Cosmology (3)
 - AST4142 - Asteroids, Comets, and Meteorites (3)
 - AST4152 - Planetary Geophysics (3)
 - AST4700 - Experimental Methods in Astronomy (3)
 - AST4762C - Astronomical Data Analysis (3)
 - Course Not Found

Grand Total Credits: **19**

Program Details

Total Undergraduate Credit Hours Required: 19

Other Requirements

- Internship or Co-op credit cannot be used toward the minor.
- AST 4912 Directed Independent Research can only be used once toward the restricted electives for the minor.

Behavioral Forensics Certificate

College

College of Sciences

Department

Department of Psychology

Program Type

Certificate

Program Description

College of Sciences
Department of Psychology
Psychology Building (PSY), 301
407-823-4344
psychadvising@ucf.edu

Senior Lecturer: *Dr. Karen Mottarella*
karen.mottarella@ucf.edu

This certificate must be completed along with a bachelor's degree program of study. Certificates will be awarded only at the time of degree completion. The Behavioral Forensics Certificate is an interdisciplinary course of study that focuses on ways society attempts to recognize and deal with various forms of criminal behavior. The certificate exposes students to the practice of psychology within the legal system, including topics such as confidentiality, competency, and insanity. Students should view this certificate only as a way to shape and organize their coursework in this particular area of study; the certificate shows potential graduate schools and employers that students have been exposed to behavioral forensics.

Certificate Admission Requirements

- None

Certificate Requirements

- A minimum GPA of 2.0 is required in all courses used to satisfy the certificate.
- Grades below "C" (2.0) in lower level courses are not accepted.
- At least 12 hours used in the certificate must be earned at UCF.

Program Details

Prerequisite Courses (12 Credit Hours)

- Most courses for this certificate will have prerequisites completed as a part of a student's GEP requirement, as general electives, or a student can enroll into courses with consent of instructor.

Take all of the following: (6 Credit Hours)

- PSY 2012 - General Psychology **Credit Hours: 3**
- SYG 2000 - Introduction to Sociology **Credit Hours: 3**

Take all of the following: (6 Credit Hours)

- PPE 3003 - Personality Theory and Research **Credit Hours: 3**
- SYP 3510 - Sociology of Deviant Behavior **Credit Hours: 3**

Required Courses (9 Credit Hours)

Complete all:

- CLP 4390 - Forensic Psychology **Credit Hours: 3**
- SOP 3751 - Legal Aspects of Psychology **Credit Hours: 3**
- SYP 3520 - Criminology **Credit Hours: 3**

Restricted Electives (12 Credit Hours)

- Note: It is the student's responsibility to meet all prerequisites for every course selected

Psychology: Select from the following: (3 Credit Hours)

- CLP 3143 - Abnormal Psychology **Credit Hours: 3**
- CLP 3302 - Clinical Psychology **Credit Hours: 3**
- CLP 4134 - Childhood Psychopathology **Credit Hours: 3**
- PCO 4203 - Interviewing and Counseling **Credit Hours: 3**

Sociology: Select from the following: (6 Credit Hours)

- SYP 3511 - Sociology of Murder **Credit Hours: 3**
- SYP 3530 - Juvenile Delinquency **Credit Hours: 3**
- SYP 3540 - Sociology of Law **Credit Hours: 3**
- SYP 3562 - Domestic Violence in Society **Credit Hours: 3**
- SYP 4514 - Violence in Society **Credit Hours: 3**
- SYP 4521 - Crime Victims in Society **Credit Hours: 3**
- SYP 4536 - Gangs and Society **Credit Hours: 3**

Criminal Justice: Select from the following: (3 Credit Hours)

- CCJ 3014 - Crime in America **Credit Hours: 3**
- CCJ 3024 - Criminal Justice System **Credit Hours: 3**
- CCJ 3667 - Victims and the CJ System **Credit Hours: 3**
- CCJ 4670 - Women and Crime **Credit Hours: 3**
- CCJ 4681 - Domestic Violence and the Justice System **Credit Hours: 3**
- CCJ 4690 - Sex Offenders and the Criminal Justice System **Credit Hours: 3**
- CJE 4012 - Criminal Profiling in Criminal Justice **Credit Hours: 3**
- CJE 4630 - Serial Murder and Criminal Justice **Credit Hours: 3**

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 33

Other Requirements

- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the certificate without prior consent.
- Lower division courses do not substitute for upper division courses.

Biological Anthropology Minor

College

College of Sciences

Department

Department of Anthropology

Program Type

Minor

Program Contact Information

**College of Sciences
Anthropology Department
Howard Phillips Hall (HPH), 309
407-823-2227
anthro@ucf.edu**

Undergraduate Coordinator: Dr. Sandra Wheeler
407-823-2227
sandra.wheeler@ucf.edu

Admission Requirements

- The minor is not open to anthropology majors.

Program Description

The Biological Anthropology minor develops an understanding of anthropological approaches to the study of the human body from modern and/or archaeological contexts. This minor is particularly appropriate for students interested in human biology, forensic anthropology, bioarchaeology, or area studies in archaeology.

Minor Requirements

- Students must earn a grade of "C" (2.0) or better in all courses used to satisfy the minor.
- At least 15 hours used in the minor must be earned at UCF within the Anthropology Department.
- Only two anthropology courses can overlap for students enrolled in multiple anthropology programs (minors or certificates). (Note: The myKnight Audit cannot capture overlapping courses between two or more programs; therefore, students should have their program reviewed by the department before filing for graduation.)

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Degree Requirements

Required Courses

3 Total Credits

- Complete the following:
 - ANT2511 - The Human Species (3)

Restricted Electives

15 - 16 Total Credits

- Complete all of the following
 - Students may substitute one anthropology upper level course that is either an archaeological area study or a health related course with prior permission.
 - Complete at least 5 of the following:
 - ANT3026 - Mummies, Zombies, and Vampires: Anthropology of the Undead (3)
 - ANT3148 - Life and Death in Ancient Egypt (3)
 - ANT3169 - Life and Death in the Ancient Andes (3)
 - ANT3541 - Biobehavioral Anthropology (3)
 - ANT3550C - Primatology (3)
 - ANT4027 - Mummies, Life After Death (3)
 - ANT4115C - Archaeological Method and Theory (3)
 - ANT4183 - Archaeological Sciences (3)
 - ANT4184 - Mortuary Archaeology (3)
 - ANT4406 - Pain and Suffering: The Anthropology of Violence (3)
 - ANT4462 - Medical Anthropology (3)
 - ANT4467 - Nutritional Anthropology (3)
 - ANT4483 - Health and Healing in the Ancient World: An Anthropological Perspective (3)
 - ANT4516 - Human Biological Diversity (3)
 - ANT4521 - Forensic Anthropology (3)
 - ANT4525C - Human Osteology (4)
 - ANT4560 - Birth to Death: Anthropological Perspectives on Human Growth (3)
 - ANT4586C - Human Origins (3)

Grand Total Credits: **18 - 19**

Program Details

Total Undergraduate Credit Hours Required: 18

Other Requirements

- Internship, Co-op, or Independent Study credit cannot be used toward the minor.

Biology (B.S.)

College

College of Sciences

Department

Department of Biology

Program Type

Major

Program Contact Information

College of Sciences
Department of Biology
Biological Sciences Building (BIO), 301
407-823-2141
bioadvise@ucf.edu

The Biology B.S. degree allows the student to choose coursework to be awarded the general Biology B.S. degree or to select a track in one of five areas, which are: Ecology, Evolutionary and Conservation Biology - Marine and Aquatic Biology - Plant Sciences - Pre-Health Professional Biology - Zoology and Pre-Veterinarian Science. These tracks are designed to align students with specific courses that will prepare them for the job market or more advanced study.

Admission Requirements

None

Program Description

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Co-op or internship credit cannot be used in this major
- Departmental Residency Requirement consists of at least 22 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF Department of Biology.
- Students seeking a double major must satisfy the requirements for both majors and must take no fewer than 40 semester hours of upper division restricted elective course work appropriate to the combined areas of specialization in the two majors.
- Courses designated in Common Program Prerequisites and Core Requirements are usually completed in the first 60 hours.
- A "C" (2.0) or better is required in all BSC or PCB prefix courses meeting Core Requirements.
- Students must achieve a minimum cumulative GPA of 2.0 in all UCF courses taken in the Common Program Prerequisites, the Biology Core and the Upper Division Restricted Electives.
- All prerequisites of courses taught within the College of Sciences will be enforced.
- No more than 4 hours of Independent Study, Directed Research, or the following similar types of credit, may be applied toward major requirements:
 - BSC 4422L - Biology Laboratory Techniques
 - BSC 4937 - Instructional Experiences in Undergraduate Biology
- Upon reaching junior standing (60 hours), Biology majors are expected to have completed the following courses and associated chemistry laboratories. These classes are prerequisites for advanced science classes and students entering the major without these classes will be unable to register for most of the advanced courses.
 - BSC 2010C - Biology I
 - BSC 2011C - Biology II
 - CHM 2045C - Chemistry Fundamentals I
 - CHM 2046 - Chemistry Fundamentals II
 - CHM 2046L - Chemistry Fundamentals Laboratory
 - CHM 2210 - Organic Chemistry I
 - CHM 2211 - Organic Chemistry II
 - CHM 2211L - Organic Laboratory Techniques I
 - PHY 2053C - College Physics I (or PHY 2053 and PHY 2053L)
 - PHY 2054C - College Physics II (or PHY 2054 and PHY 2054L)

General Education (GEP)

GEP Notes

0 Total Credits

- Complete all of the following
 - Certain courses must be selected for this degree that will bring the total hours of the GEP to more than 36.
 - At least one course completed in each Foundation area must be a designated State General Education Core Course. See the catalog GEP description for more information.

Communication Foundations

9 Total Credits

- Complete all of the following
 - GEP 1 & 2- Communication Foundation
 - Complete all courses from the following:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - Complete all of the following
 - SPC1603C - Preferred
 - Complete at least 1 courses from the following:
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

Historical & Cultural Foundation

9 Total Credits

- Complete all of the following
 - GEP 4- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - GEP 6- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation

- ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
- ARH2050 - History of Western Art I (3)
- ARH2051 - History of Western Art II (3)
- FIL1000 - Cinema Survey (3)
- FIL2030 - History of Motion Pictures (3)
- FIL3036 - Film History I (3)
- FIL3037 - Film History II (3)
- LIT2110 - World Literature I (3)
- LIT2120 - World Literature II (3)
- MUH2017 - Survey of Rock Music (3)
- MUH2019 - American Popular Music, 1840s-present (3)
- MUL2016 - Evolution of Jazz (3)
- MUL2720 - Music of the World (3)
- PHI2010 - Introduction to Philosophy (3)
- REL2300 - World Religions (3)
- THE2000 - Theatre Survey (3)
- MUL2010 - Enjoyment of Music (3)

Mathematical Foundation
6 - 7 Total Credits

- Complete all of the following
 - Prior to enrolling in any MAC course, take the Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
 - GEP 7- Mathematical Foundation
 - Complete all of the following
 - MAC2311C - Preferred
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - GEP 8- Mathematical Foundation
 - Complete the following:
 - STA2023 - Statistical Methods I (3)

Social Foundation
6 Total Credits

- Complete all of the following
 - GEP 9- Social Foundation
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundation
8 Total Credits

- Complete all of the following
 - GEP 11- Science Foundation
 - Complete all of the following
 - Prior to enrolling in CHM2045C, take the Chemistry Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>

- Complete the following:
 - CHM2045C - Chemistry Fundamentals I (4)
- GEP 12- Science Foundation
 - Complete all of the following
 - A minimum grade of "C" (2.0) is required in BSC2010C to meet prerequisites for subsequent biology courses.
 - Complete the following:
 - BSC2010C - Biology I (4)

Grand Total Credits: **38 - 39**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - In addition to completing all of the required GEP (STA2023, CHM2045C & BSC2010C), the following are required to fulfill the CPP requirement.
 - See Transfer Notes for possible substitutes for the courses listed below.
 - Biology:
 - Complete all of the following
 - A minimum grade of "C" (2.0) is required in BSC2011C to meet prerequisites for subsequent biology courses. While a lower grade may satisfy the CPP, it will not satisfy the major.
 - Complete the following:
 - BSC2011C - Biology II (4)
 - Chemistry:
 - Complete the following:
 - CHM2046 - Chemistry Fundamentals II (3)
 - CHM2046L - Chemistry Fundamentals Laboratory (1)
 - Mathematics:
 - Complete all of the following
 - Three (3) hours are required if MAC2311C is not completed in the GEP. Select from the following:
 - MAC2233 - Concepts of Calculus MAC2253 - Applied Calculus MAC2311C - Calculus with Analytic Geometry I
 - Physics:
 - Complete 1 of the following
 - Complete one of the following physics sequences.
Physics Sequence #1
 - Complete all of the following
 - Earn at least 4 credits from the following course sets:
PHY 2053C
 - PHY2053C - College Physics I Studio (4)
 - PHY 2053 and 2053L
 - PHY2053 - College Physics I (3)
 - PHY2053L - College Physics I Laboratory (1)
 - Earn at least 4 credits from the following course sets:
PHY 2054C
 - PHY2054C - College Physics II Studio (4)
 - PHY 2054 and PHY 2054L
 - PHY2054 - College Physics II (3)
 - PHY2054L - College Physics II Laboratory (1)
 - Physics Sequence #2
 - Complete all of the following
 - Earn at least 4 credits from the following course sets:
PHY 2048C
 - PHY2048C - General Physics Using Calculus I Studio (4)
 - PHY 2048 and 2048L
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2048L - General Physics Using Calculus I Laboratory (1)
 - Earn at least 4 credits from the following course sets:
PHY 2049C
 - PHY2049C - General Physics Using Calculus II Studio (4)
 - PHY 2049 and 2049L
 - PHY2049 - General Physics Using Calculus II (3)
 - PHY2049L - General Physics Using Calculus II Laboratory (1)

Grand Total Credits: **16**

Degree Requirements

Core Requirements: Basic Level
8 - 9 Total Credits

- Complete all of the following
 - Completion of the required GEP and CPP fulfills the Chemistry Sequence (CHM2045C, CHM2046, & CHM2046L), the Physics Sequence (PHY2053C/PHY2054C or PHY2048C/PHY2049C - or lecture lab

combinations), the Mathematics course requirement (MAC2311C, MAC2233 or MAC2253), and the Statistics course requirement (STA2023).

Basic Core: Cognate Sciences

Organic or Analytic Sequence:

- Complete 1 of the following
 - Organic sequence - Preferred
 - Complete the following:
 - CHM2210 - Organic Chemistry I (3)
 - CHM2211 - Organic Chemistry II (3)
 - CHM2211L - Organic Laboratory Techniques I (2)
 - Complete the following:
 - CHM2205 - Introduction to Organic and Biochemistry (5)
 - CHM3120 - Analytical Chemistry (3)
 - CHM3120L - Analytical Chemistry Laboratory (1)

Core Requirements: Advanced Level

14 Total Credits

- Complete all of the following
 - Biology Advanced Core
 - Complete all of the following
 - Note: A minimum grade of "C" (2.0) is required in these Biology courses to satisfy the requirement, and to allow their use as a course prerequisite.
 - Complete the following:
 - PCB3023 - Molecular Cell Biology (3)
 - PCB3044 - Principles of Ecology (3)
 - PCB3063 - Genetics (3)
 - PCB4683 - Evolutionary Biology (4)

Biology Laboratories:

- Complete all of the following
 - Students should complete the Biology Laboratories requirement according to their selected track.
 - Students are required to take two labs from those listed below
 - One of these labs must come from section A. The second lab must come from section B, which may include a lab from section A that was not originally selected.
 - A. Laboratories
 - Complete at least 1 of the following:
 - PCB3044L - Principles of Ecology Laboratory (1)
 - PCB3063L - Genetics Laboratory (1)
 - PCB4683L - Evolutionary Biology Lab (1)
 - B. Laboratories
 - Complete all of the following
 - Each track must complete one of the following laboratories that differ from the A. Laboratory completed above.
 - □ BOT3018C - Culinary Botany Across the Cultures (4) □ BOT4223C - Plant Anatomy (4) □ BOT4282C - Plant Microtechniques (4) □ BOT4303C - Plant Kingdom (4) □ BOT4503C - Plant Physiology (4) □ BOT4530C - Plant Genomics and Biochemistry (4) □ BOT4713C - Plant Taxonomy (5) □ BOT4430C - Biology of Fungi (4) □ BSC4312C - Advanced Marine Biology (4) □ BSC4445C - Genomics Laboratory (4) □ ENY3571 - Honey Bee Biology and Beekeeping (3) □ ENY4004C - General Entomology (4) □ PCB3044L - Principles of Ecology Laboratory (1) □ PCB3063L - Genetics Laboratory (1) □ PCB4301C - Wetland Ecology & Biogeochemistry (4) □ PCB4315C - Marine Ecology of Florida (4) □ PCB4353L - Florida Ecology Lab (1) □ PCB4683L - Evolutionary Biology Lab (1) □ ZOO3713C - Comparative Vertebrate Anatomy (5) □ ZOO3713L - Comparative Vertebrate Anatomy Lab (1) □ ZOO4205C - Invertebrate Biodiversity (4) □ ZOO4310C - Vertebrate Evolution & Ecology (4) □ ZOO4405C - Sea Turtle Ecology and Conservation Internship (3) □ ZOO4462C - Herpetology (4) □ ZOO4480L - Mammalogy Lab (1) □ ZOO4603C - Embryology/Development (5) □ ZOO4756C - Comparative Vertebrate Histology (4) □ ZOO4910L - Research Experience in Animal Behavior in a Zoo Environment (3)

0 Total Credits

- Complete all of the following
 - Students must complete at least one course dealing exclusively with zoology and one course dealing exclusively with botany
 - A minimum grade of "C" (2.0) is required in each course taken to meet the "Required Electives" within each track (does not apply to courses taken to meet "Restricted Electives").
 - A minimum grade of "C" (2.0) overall is required for the track.
 - No substitutions are allowed.
 - At least 10 hours of the Upper Division Restricted electives must be taken within the UCF Biology Department. Courses offered by the Department of Biology have been identified. Additional courses may be used to meet requirements with approval of the undergraduate program coordinator via petition.
 - Transferred courses must be at a 3000 level or higher, and be evaluated by the undergraduate program coordinator, in order to count as an Upper Division Restricted Elective.
 - Courses at the 5000 level are only open to seniors and beginning graduate students. Faculty teaching course must approve override.

Biology Tracks

21 - 25 Total Credits

- Complete 1 of the following
 - General Biology Track
 - Complete all of the following
 - A biology major who meets the GEP, core, lab, and upper division restricted electives requirements, as well as all UCF graduation requirements is eligible to receive a general B.S. in Biology. Unique courses must be selected from the groups below. Additional courses may be added to the list of restricted electives in the future and will appear on the myKnight audit.
 - BOTANY REQUIREMENT
 - Complete at least 1 of the following:
 - BOT3015 - Principles of Plant Science (3)
 - BOT3018C - Culinary Botany Across the Cultures (4)
 - BOT3802 - Ethnobotany (3)
 - BOT4223C - Plant Anatomy (4)
 - BOT4303C - Plant Kingdom (4)
 - BOT4503C - Plant Physiology (4)
 - BOT4530C - Plant Genomics and Biochemistry (4)
 - BOT4713C - Plant Taxonomy (5)
 - BOT4850 - Medical Botany (3)
 - ZOOLOGY REQUIREMENT
 - Complete at least 1 of the following:
 - ANT3550C - Primatology (3)
 - ENY3571 - Honey Bee Biology and Beekeeping (3)
 - ENY4004C - General Entomology (4)
 - PAZ4234 - Zoo and Aquarium Management (3)
 - PCB4413 - Sensory Ecology (3)
 - PCB4723 - Animal Physiology (4)
 - ZOO3454 - Ichthyology (3)
 - ZOO3713C - Comparative Vertebrate Anatomy (5)
 - ZOO4272 - Ornithology (3)
 - ZOO4310C - Vertebrate Evolution & Ecology (4)
 - ZOO4405C - Sea Turtle Ecology and Conservation Internship (3)
 - ZOO4462C - Herpetology (4)
 - ZOO4480 - Mammalogy (4)
 - ZOO4513 - Animal Behavior (3)
 - ZOO4603C - Embryology/Development (5)
 - ZOO4756C - Comparative Vertebrate Histology (4)
 - ZOO4910L - Research Experience in Animal Behavior in a Zoo Environment (3)
 - UPPER LEVEL BIOLOGY REQUIREMENT
 - Earn at least 10 credits from the following:
 - BOT3015 - Principles of Plant Science (3)
 - BOT3018C - Culinary Botany Across the Cultures (4)

- BOT3802 - Ethnobotany (3)
- BOT4223C - Plant Anatomy (4)
- BOT4282C - Plant Microtechniques (4)
- BOT4303C - Plant Kingdom (4)
- BOT4430C - Biology of Fungi (4)
- BOT4503C - Plant Physiology (4)
- BOT4530C - Plant Genomics and Biochemistry (4)
- BOT4713C - Plant Taxonomy (5)
- BOT4850 - Medical Botany (3)
- BOT4922 - Plant Science Capstone (2)
- BSC3052 - Conservation Biology (3)
- BSC3312 - Principles of Marine Biology (3)
- BSC3453C - Biological Research Methods and Experimental Design (3)
- BSC4312C - Advanced Marine Biology (4)
- BSC4330 - Invasion Biology (3)
- BSC4445C - Genomics Laboratory (4)
- BSC4456C - Programming for Biologists (3)
- BSC4821 - Biogeography (4)
- BSC4861L - Urban Ecological Field Studies (3)
- BSC4927 - Scientific and Public Engagement for Biology Majors (3)
- ENY3571 - Honey Bee Biology and Beekeeping (3)
- ENY4004C - General Entomology (4)
- OCE3008 - Oceanography (3)
- PAZ4234 - Zoo and Aquarium Management (3)
- PCB3044L - Principles of Ecology Laboratory (1)
- PCB3063L - Genetics Laboratory (1)
- PCB3343L - Principles of Field Ecology (5)
- PCB3354 - Tropical Ecology and Conservation (3)
- PCB3355L - Tropical Marine Biology (2)
- PCB3442 - Aquatic Ecology (3)
- PCB4280 - Molecular Immunology (3)
- PCB4301C - Wetland Ecology & Biogeochemistry (4)
- PCB4315C - Marine Ecology of Florida (4)
- PCB4353 - Florida Ecology, Natural History and Conservation (3)
- PCB4353L - Florida Ecology Lab (1)
- PCB4402 - Disease Ecology & Ecoimmunology (3)
- PCB4413 - Sensory Ecology (3)
- PCB4462 - GIS for Biologists: A Practical Introduction for Undergraduates (3)
- PCB4514 - Genetics II (3)
- PCB4678 - Evolution and Medicine (3)
- PCB4683L - Evolutionary Biology Lab (1)
- PCB4684 - Population Genetics (3)
- PCB4723 - Animal Physiology (4)
- PCB5435C - Marine Ecology of Florida (4)
- ZOO3454 - Ichthyology (3)
- ZOO3713C - Comparative Vertebrate Anatomy (5)
- ZOO4205C - Invertebrate Biodiversity (4)
- ZOO4272 - Ornithology (3)
- ZOO4310C - Vertebrate Evolution & Ecology (4)
- ZOO4405C - Sea Turtle Ecology and Conservation Internship (3)
- ZOO4462C - Herpetology (4)
- ZOO4480 - Mammalogy (4)
- ZOO4480L - Mammalogy Lab (1)
- ZOO4513 - Animal Behavior (3)
- ZOO4603C - Embryology/Development (5)
- ZOO4756C - Comparative Vertebrate Histology (4)
- ZOO4910L - Research Experience in Animal Behavior in a Zoo Environment (3)
- RESTRICTED COURSES
- Earn at least 5 credits from the following:
 - ANT3550C - Primatology (3)
 - BCH4024 - Medical Biochemistry (4)
 - BCH4053 - Biochemistry I (3)
 - BCH4054 - Biochemistry II (3)

- BOT3015 - Principles of Plant Science (3)
- BOT3018C - Culinary Botany Across the Cultures (4)
- BOT3018C - Culinary Botany Across the Cultures (4)
- BOT4223C - Plant Anatomy (4)
- BOT4282C - Plant Microtechniques (4)
- BOT4303C - Plant Kingdom (4)
- BOT4503C - Plant Physiology (4)
- BOT4530C - Plant Genomics and Biochemistry (4)
- BOT4713C - Plant Taxonomy (5)
- BOT4850 - Medical Botany (3)
- BOT4922 - Plant Science Capstone (2)
- BSC3052 - Conservation Biology (3)
- BSC3312 - Principles of Marine Biology (3)
- BSC3453C - Biological Research Methods and Experimental Design (3)
- BSC4312C - Advanced Marine Biology (4)
- BSC4330 - Invasion Biology (3)
- BSC4445C - Genomics Laboratory (4)
- BSC4456C - Programming for Biologists (3)
- BSC4473C - Scientific Diving (4)
- BSC4821 - Biogeography (4)
- BSC4861L - Urban Ecological Field Studies (3)
- BSC4910C - Group Effort Applied Research in Biology (4)
- BSC4927 - Scientific and Public Engagement for Biology Majors (3)
- ENY3571 - Honey Bee Biology and Beekeeping (3)
- ENY4004C - General Entomology (4)
- MCB3020C - General Microbiology (5)
- OCE3008 - Oceanography (3)
- PAZ4234 - Zoo and Aquarium Management (3)
- PCB3044L - Principles of Ecology Laboratory (1)
- PCB3063L - Genetics Laboratory (1)
- PCB3233 - Immunology (3)
- PCB3343L - Principles of Field Ecology (5)
- PCB3354 - Tropical Ecology and Conservation (3)
- PCB3355L - Tropical Marine Biology (2)
- PCB3442 - Aquatic Ecology (3)
- PCB3522H - Honors Molecular Biology I (3)
- PCB3703C - Human Physiology (4)
- PCB4301C - Wetland Ecology & Biogeochemistry (4)
- PCB4315C - Marine Ecology of Florida (4)
- PCB4353 - Florida Ecology, Natural History and Conservation (3)
- PCB4353L - Florida Ecology Lab (1)
- PCB4402 - Disease Ecology & Ecoimmunology (3)
- PCB4413 - Sensory Ecology (3)
- PCB4462 - GIS for Biologists: A Practical Introduction for Undergraduates (3)
- PCB4514 - Genetics II (3)
- PCB4524 - Molecular Biology II (3)
- PCB4575 - Wildlife Genomics (3)
- PCB4678 - Evolution and Medicine (3)
- PCB4683L - Evolutionary Biology Lab (1)
- PCB4684 - Population Genetics (3)
- PCB4723 - Animal Physiology (4)
- PCB5435C - Marine Ecology of Florida (4)
- ZOO3454 - Ichthyology (3)
- ZOO3713C - Comparative Vertebrate Anatomy (5)
- ZOO3733C - Human Anatomy (4)
- ZOO4205C - Invertebrate Biodiversity (4)
- ZOO4272 - Ornithology (3)
- ZOO4310C - Vertebrate Evolution & Ecology (4)
- ZOO4405C - Sea Turtle Ecology and Conservation Internship (3)
- ZOO4462C - Herpetology (4)
- ZOO4480 - Mammalogy (4)
- ZOO4480L - Mammalogy Lab (1)
- ZOO4513 - Animal Behavior (3)
- ZOO4603C - Embryology/Development (5)

- ZOO4756C - Comparative Vertebrate Histology (4)
- ZOO4910L - Research Experience in Animal Behavior in a Zoo Environment (3)

Ecology, Evolutionary and Conservation Biology Track

- Complete all of the following
 - A "C" (2.0) or better is required in each course taken in the below requirement.
 - Complete at least 2 of the following:
 - BSC3052 - Conservation Biology (3)
 - BSC4821 - Biogeography (4)
 - PCB4684 - Population Genetics (3)
 - ZOO4310C - Vertebrate Evolution & Ecology (4)
 - ZOO4513 - Animal Behavior (3)
 - Additional courses may be added to the below list of Restricted Electives and will appear on the myKnight audit.
 - Earn at least 7 credits from the following:
 - BOT4303C - Plant Kingdom (4)
 - BOT4503C - Plant Physiology (4)
 - BOT4713C - Plant Taxonomy (5)
 - BSC3052 - Conservation Biology (3)
 - BSC3453C - Biological Research Methods and Experimental Design (3)
 - BSC4330 - Invasion Biology (3)
 - BSC4821 - Biogeography (4)
 - BSC4861L - Urban Ecological Field Studies (3)
 - OCE3008 - Oceanography (3)
 - PCB3044L - Principles of Ecology Laboratory (1)
 - PCB3343L - Principles of Field Ecology (5)
 - PCB3354 - Tropical Ecology and Conservation (3)
 - PCB3355L - Tropical Marine Biology (2)
 - PCB3442 - Aquatic Ecology (3)
 - PCB4301C - Wetland Ecology & Biogeochemistry (4)
 - PCB4315C - Marine Ecology of Florida (4)
 - PCB4353 - Florida Ecology, Natural History and Conservation (3)
 - PCB4353L - Florida Ecology Lab (1)
 - PCB4402 - Disease Ecology & Ecoimmunology (3)
 - PCB4413 - Sensory Ecology (3)
 - PCB4575 - Wildlife Genomics (3)
 - PCB4678 - Evolution and Medicine (3)
 - PCB4683L - Evolutionary Biology Lab (1)
 - PCB4684 - Population Genetics (3)
 - PCB5326C - Ecosystems of Florida (5)
 - ZOO3454 - Ichthyology (3)
 - ZOO3713C - Comparative Vertebrate Anatomy (5)
 - ZOO4205C - Invertebrate Biodiversity (4)
 - ZOO4310C - Vertebrate Evolution & Ecology (4)
 - ZOO4513 - Animal Behavior (3)
 - If PCB3044L or PCB4683L is completed as the A. Laboratory requirement, it cannot be applied here.
 - Earn at least 8 credits from the following types of courses:
Additional Biology elective courses must be selected from the General Biology Track's Restricted Elective List. If the botany, zoology, and/or the B. Laboratory requirement is NOT fulfilled in the above track requirements, then those courses must be completed here.

Marine and Aquatic Biology Track

- Complete all of the following
 - A "C" (2.0) or better is required in each course taken in the below requirement.
 - Complete at least 1 of the following:
 - BSC3312 - Principles of Marine Biology (3)
 - OCE3008 - Oceanography (3)
 - PCB3442 - Aquatic Ecology (3)
 - Additional courses may be added to the below list of Restricted Electives and will appear on the myKnight audit.
 - Earn at least 12 credits from the following:
 - BSC4312C - Advanced Marine Biology (4)

- BSC4473C - Scientific Diving (4)
- OCE3008 - Oceanography (3)
- PCB3355L - Tropical Marine Biology (2)
- PCB3442 - Aquatic Ecology (3)
- PCB4301C - Wetland Ecology & Biogeochemistry (4)
- PCB4315C - Marine Ecology of Florida (4)
- PAZ4234 - Zoo and Aquarium Management (3)
- ZOO4205C - Invertebrate Biodiversity (4)
- ZOO4310C - Vertebrate Evolution & Ecology (4)
- ZOO4405C - Sea Turtle Ecology and Conservation Internship (3)
- ZOO4462C - Herpetology (4)

- Earn at least 6 credits from the following types of courses:

Additional Biology elective courses must be selected from the General Biology Track's Restricted Elective List. If the botany, zoology, and/or the second laboratory requirement is NOT fulfilled in the above track requirements, then those courses must be completed here.

Plant Sciences Track

- Complete all of the following
 - A "C" (2.0) or better is required in each course taken in the below requirement.
 - Complete the following:
 - BOT3015 - Principles of Plant Science (3)
 - Additional courses may be added to the below list of Restricted Electives and will appear on the myKnight audit.
 - Earn at least 2 credits from the following:
 - BOT4922 - Plant Science Capstone (2)
 - BOT4970H - Biology Honor's Thesis (1 - 99)
 - Earn at least 7 credits from the following:
 - BOT4223C - Plant Anatomy (4)
 - BOT4282C - Plant Microtechniques (4)
 - BOT4303C - Plant Kingdom (4)
 - BOT4503C - Plant Physiology (4)
 - BOT4530C - Plant Genomics and Biochemistry (4)
 - BOT4713C - Plant Taxonomy (5)
 - BOT4912 - Directed Independent Research (1 - 99)
 - BSC3453C - Biological Research Methods and Experimental Design (3)
 - Earn at least 5 credits from the following:
 - BOT3018C - Culinary Botany Across the Cultures (4)
 - BOT3802 - Ethnobotany (3)
 - BOT4223C - Plant Anatomy (4)
 - BOT4303C - Plant Kingdom (4)
 - BOT4430C - Biology of Fungi (4)
 - BOT4503C - Plant Physiology (4)
 - BOT4530C - Plant Genomics and Biochemistry (4)
 - BOT4713C - Plant Taxonomy (5)
 - BOT4850 - Medical Botany (3)
 - BOT4912 - Directed Independent Research (1 - 99)
 - BOT4922 - Plant Science Capstone (2)
 - BOT4970H - Biology Honor's Thesis (1 - 99)
 - BSC3453C - Biological Research Methods and Experimental Design (3)
 - BSC4330 - Invasion Biology (3)
 - ENY3571 - Honey Bee Biology and Beekeeping (3)
 - PCB3354 - Tropical Ecology and Conservation (3)
 - PCB4462 - GIS for Biologists: A Practical Introduction for Undergraduates (3)
 - Earn at least 4 credits from the following types of courses:
 Additional Biology elective courses must be selected from the General Biology Track's Restricted Elective List. If the botany, zoology, and/or the second laboratory requirement is NOT fulfilled in the above track requirements, then those courses must be completed here.

Pre-Health Professional Track

- Complete all of the following
 - A "C" (2.0) or better is required in each course taken in the below requirement.
 - A student cannot choose both BCH4053 and BCH4024 to fulfill the following requirement.
 - Earn at least 9 credits from the following:

- BCH4053 - Biochemistry I (3)
 - BCH4024 - Medical Biochemistry (4)
 - PCB4514 - Genetics II (3)
 - PCB4723 - Animal Physiology (4)
 - ZOO3713C - Comparative Vertebrate Anatomy (5)
 - ZOO4603C - Embryology/Development (5)
 - Additional courses may be added to the below list of Restricted Electives and will appear on the myKnight audit.
 - Earn at least 5 credits from the following:
 - BCH4024 - Medical Biochemistry (4)
 - BCH4053 - Biochemistry I (3)
 - BCH4054 - Biochemistry II (3)
 - BOT4850 - Medical Botany (3)
 - MCB3020C - General Microbiology (5)
 - PCB3233 - Immunology (3)
 - PCB3522 - Molecular Biology I (3)
 - PCB3703C - Human Physiology (4)
 - PCB4514 - Genetics II (3)
 - PCB4678 - Evolution and Medicine (3)
 - PCB4723 - Animal Physiology (4)
 - ZOO3713C - Comparative Vertebrate Anatomy (5)
 - ZOO3733C - Human Anatomy (4)
 - ZOO4205C - Invertebrate Biodiversity (4)
 - ZOO4513 - Animal Behavior (3)
 - ZOO4603C - Embryology/Development (5)
 - ZOO4756C - Comparative Vertebrate Histology (4)
 - Earn at least 7 credits from the following types of courses:
 Additional Biology elective courses must be selected from the General Biology Track's Restricted Elective List. If the botany, zoology, and/or the second laboratory requirement is NOT fulfilled in the above track requirements, then those courses must be completed here.
- Zoology and Pre-Veterinarian Science Track
- Complete all of the following
 - A "C" (2.0) or better is required in each course taken in the below requirement.
 - Complete at least 1 of the following:
 - PCB4723 - Animal Physiology (4)
 - ZOO4513 - Animal Behavior (3)
 - Additional courses may be added to the below list of Restricted Electives and will appear on the myKnight audit.
 - Earn at least 11 credits from the following:
 - ANT3550C - Primatology (3)
 - BSC4821 - Biogeography (4)
 - ENY4004C - General Entomology (4)
 - PAZ4234 - Zoo and Aquarium Management (3)
 - PCB4402 - Disease Ecology & Ecoimmunology (3)
 - PCB4575 - Wildlife Genomics (3)
 - PCB4723 - Animal Physiology (4)
 - ZOO3454 - Ichthyology (3)
 - ZOO3713C - Comparative Vertebrate Anatomy (5)
 - ZOO4205C - Invertebrate Biodiversity (4)
 - ZOO4272 - Ornithology (3)
 - ZOO4310C - Vertebrate Evolution & Ecology (4)
 - ZOO4405C - Sea Turtle Ecology and Conservation Internship (3)
 - ZOO4462C - Herpetology (4)
 - ZOO4480 - Mammalogy (4)
 - ZOO4480L - Mammalogy Lab (1)
 - ZOO4513 - Animal Behavior (3)
 - ZOO4603C - Embryology/Development (5)
 - ZOO4756C - Comparative Vertebrate Histology (4)
 - ZOO4910L - Research Experience in Animal Behavior in a Zoo Environment (3)
 - Earn at least 7 credits from the following types of courses:
 Additional Biology elective courses must be selected from the General Biology Track's

Restricted Elective List. If the botany, zoology, and/or the second laboratory requirement is NOT fulfilled in the above track requirements, then those courses must be completed here.

Grand Total Credits: **43 - 48**

Program Details

Total Undergraduate Credit Hours Required: 120

Electives

- To fulfil the 120 hours required in this degree, select primarily from upper level courses after consulting with your departmental advisor. May be outside of the department.

Foreign Language Requirements

Graduation

- None

Departmental Exit Requirements

- A "C" (2.0) or better is required in all Core Courses with a BSC or PCB prefix.
- Students must achieve a minimum cumulative GPA of 2.0 in all UCF courses taken in the Common Program Prerequisites, the Biology Core and the Upper Division Restricted Electives.
- All attempts of UCF courses that could meet requirements are included in the major GPA calculation. All attempts of UCF courses listed for the major taken beyond the minimum required are included in the GPA calculation (e.g, additional restricted electives taken beyond the required 22 hours).
- Departmental Residency Requirement consists of at least 22 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF Department of Biology.
- Students are required to pass the comprehensive exit exam in Biology. We recommend that this exam be taken as soon as you have completed all of the Biology core courses. A passing grade is determined as a scaled score greater than the bottom 10% of nation-wide test takers.
- Students seeking a double major must satisfy the requirements for both majors and must take no fewer than 40 semester hours of upper division restricted elective course work appropriate to the combined areas of specialization in the two majors.
- Biology majors are discouraged from taking courses as a transient student at a Florida College System institution, except in situations where the first semester of a two semester sequence has already been taken at a Florida College System institution.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Honors In Major

- Application and admissions through The Burnett Honors College and department. More information about Honors in the Major can be found at <https://honors.ucf.edu/research/>.

Related Programs

- Environmental Engineering (B.S.Env.E)
- Biomedical Sciences (B.S.)
- Secondary Education, Science Education Biology Track (B.S.)
- Environmental Studies (B.S.)

- Biology Minor
- Environmental Studies Minor
- Biomedical Sciences Minor

Advising Notes

- Students are urged to contact their departmental advisor before registering for courses.
- It is the student's responsibility to ensure they have satisfied course prerequisites before registering for a class.
- Students are encouraged to contact their department advisor regarding substitutions for requirements. These will be accepted on a case by case basis.
- Contact your college advisor in the College of Sciences Advising Services (COSAS) office (CSB 250) for more information about overall progress toward your degree, GEP and other university requirements, academic probation, special problems as well as general academic advising.

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit by the undergraduate program coordinator. The student must provide all supporting information.
- Submit your requests for course evaluations at <https://sciences.ucf.edu/cosas/> and click on "COS Course Evaluation".
- Honors versions of courses will substitute for regular versions.
- The following substitutions are acceptable for common program prerequisites if taken as part of the AA course work.

Although the CPP may be satisfied, prerequisites for subsequent Biology courses may still have to be met:

- BSC 2010C: BSCX040/X040L
- BSC 2011C: BSCX041/X041L; ZOOX010/X010L; BOTX010/X010L; BOTX013/X013L
- CHM 2046/CHM 2046L: CHMX046C
- Math/Statistics and Physics: Although a number of courses will satisfy the CPP, please refer to the catalog copy for the specific courses that are required in the program.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at:
http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$24.85 per term
- Full-Time Student: \$49.70 per term

Biology Minor

College

College of Sciences

Program Type

Minor

Program Contact Information

College of Sciences
Department of Biology
Biological Sciences Building (BIO), 301
407-823-2141
bioadvise@ucf.edu

Admission Requirements

- The minor is not open to Biology majors.

Program Description

Minor Requirements

- Grades below "C" (2.0) in each course are not accepted in the minor.
- At least 15 hours used in the minor must be earned at UCF within the Department of Biology.

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Degree Requirements

Required Courses

31 Total Credits

- Complete all of the following
 - Complete the following:
 - BSC2010C - Biology I (4)
 - BSC2011C - Biology II (4)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHM2046 - Chemistry Fundamentals II (3)
 - CHM2210 - Organic Chemistry I (3)
 - PCB3023 - Molecular Cell Biology (3)
 - PCB3044 - Principles of Ecology (3)
 - PCB3063 - Genetics (3)
 - PCB4683 - Evolutionary Biology (4)
 - Chemistry Placement score may substitute for CHM2048C. Chemistry Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/> may substitute for CHM2045C

Grand Total Credits: **31**

Program Details

Restricted Electives

- None

Total Undergraduate Credit Hours Required: 31

Other Requirements

- Internship, Co-op, or Independent Study credit cannot be used toward the minor.

Chemistry (B.S.)

College

College of Sciences

Department

Department of Chemistry

Program Type

Major

Program Contact Information

**College of Sciences
Department of Chemistry
Physical Sciences Building (PSB), 255
chemstaff@ucf.edu**

Chemistry Undergraduate Coordinator: Matthew Rex
407-823-1260
matthew.rex@ucf.edu

Admission Requirements

None.

Program Description

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Co-op or internship credit cannot be used in the major
- Students should consult with a departmental advisor
- Departmental Residency Requirement consists of at least 30 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF Department of Chemistry
- Prior to enrolling in Chemistry and Math, you must take the Chemistry Placement Test and Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
- Chemistry majors are discouraged from taking courses as a transient student at a Florida College System institution, except in situations where one semester of a two semester sequence has already been taken at the Florida College System institution
- All prerequisites of courses taught within the College of Sciences will be enforced.
- Courses designated in Common Program Prerequisites (CPP) are usually completed in the first 60 hours,
- Upon reaching junior standing (60 hours), Chemistry majors are expected to have completed the following courses and associated chemistry laboratories. These classes are prerequisites for advanced science classes and students entering the major without these classes will be unable to register for most of the advanced courses
 - CHM 2045C - Chemistry Fundamentals I
 - CHM 2046 - Chemistry Fundamentals II
 - CHM 2046L - Chemistry Fundamentals Laboratory
 - CHM 2210 - Organic Chemistry I
 - CHM 2211 - Organic Chemistry II
 - CHM 2211L - Organic Laboratory Techniques I
 - MAC 2311C - Calculus with Analytic Geometry I
 - MAC 2312 - Calculus with Analytic Geometry II
 - PHY 2048C - General Physics Using Calculus I (or PHY2048 and PHY2048L)
 - PHY 2049C - General Physics Using Calculus II (or PHY2049 and PHY2049L)

General Education (GEP)

GEP Note

0 Total Credits

- Complete all of the following
 - At least one course completed in each Foundation area must be a designated State General Education Core Course. See the catalog GEP description for more information.
 - Certain courses must be selected for this degree that will bring the total hours of the GEP to more than 36.

Communication Foundation

9 Total Credits

- Complete all of the following
 - GEP 1 & 2- Communication Foundation
 - Complete all courses from the following:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - Complete all of the following
 - SPC1603C - Preferred
 - Complete at least 1 courses from the following:
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

Historical & Cultural Foundation

9 Total Credits

- Complete all of the following
 - GEP 4- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - GEP 6- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)

GEP 5- Historical & Cultural Foundation

- ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
- ARH2050 - History of Western Art I (3)
- ARH2051 - History of Western Art II (3)
- FIL1000 - Cinema Survey (3)
- FIL2030 - History of Motion Pictures (3)
- FIL3036 - Film History I (3)
- FIL3037 - Film History II (3)
- LIT2110 - World Literature I (3)
- LIT2120 - World Literature II (3)
- MUH2017 - Survey of Rock Music (3)
- MUH2019 - American Popular Music, 1840s-present (3)
- MUL2016 - Evolution of Jazz (3)
- MUL2720 - Music of the World (3)
- PHI2010 - Introduction to Philosophy (3)
- REL2300 - World Religions (3)
- THE2000 - Theatre Survey (3)
- MUL2010 - Enjoyment of Music (3)

Mathematical Foundation

7 Total Credits

- Complete all of the following
 - GEP 7- Mathematical Foundation
 - Complete all of the following
 - Prior to enrolling in any MAC course, take the Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
 - Complete the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - GEP 8- Mathematical Foundation
 - Complete all of the following
 - STA2023 - Preferred
 - Complete at least 1 courses from the following:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)

Social Foundation

6 Total Credits

- Complete all of the following
 - GEP 9- Social Foundation
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundation

8 Total Credits

- Complete all of the following
 - GEP 11- Science Foundation
 - Complete the following:
 - BSC2010C - Biology I (4)
 - GEP 12- Science Foundation
 - Earn at least 4 credits from the following course sets:
 - PHY 2048C
 - PHY2048C - General Physics Using Calculus I Studio (4)
 - PHY 2048 and 2048L
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2048L - General Physics Using Calculus I Laboratory (1)

Grand Total Credits: **39**

Common Program Prerequisites (CPP) (If applicable)

24 Total Credits

- Complete all of the following
 - In addition to completing all of the required GEP (MAC 2311C and PHY 2048C (or PHY 2048 and PHY 2048L)),
 - Complete the following:
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHM2046 - Chemistry Fundamentals II (3)
 - CHM2046L - Chemistry Fundamentals Laboratory (1)
 - CHM2210 - Organic Chemistry I (3)
 - CHM2211L - Organic Laboratory Techniques I (2)
 - CHM2211 - Organic Chemistry II (3)
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - Earn at least 4 credits from the following course sets:
 - PHY 2049C
 - PHY2049C - General Physics Using Calculus II Studio (4)
 - PHY 2049 and 2049L
 - PHY2049 - General Physics Using Calculus II (3)
 - PHY2049L - General Physics Using Calculus II Laboratory (1)

Grand Total Credits: **24**

Degree Requirements

Core: Basic Requirements

4 Total Credits

- Complete all of the following
 - All courses specifically identified in the preceding General Education and Common Program Prerequisites sections meet the Basic Core requirement - GEP: MAC2311C, BSC2010C, PHY2048C (PHY2048/PHY2048L), and STA2023 ; CPP: CHM2045C, CHM2046, CHM2046L, CHM2210, CHM2211, CHM2211L, MAC2312, PHY2049C (PHY2049/PHY2049L)
 - Note: If STA2023 is not completed in the GEP, it is required to be taken as a part of the Basic Core requirement.
 - Complete the following:
 - MAC2313 - Calculus with Analytic Geometry III (4)

Core Advanced Level

34 Total Credits

- Complete all of the following
 - Complete the following:
 - BCH4053 - Biochemistry I (3)
 - CHM3120 - Analytical Chemistry (3)
 - CHM3120L - Analytical Chemistry Laboratory (1)
 - CHM3215L - Organic Laboratory Techniques II (2)
 - CHM3410 - Physical Chemistry I (4)

- CHM3411 - Physical Chemistry II (3)
- CHM3411L - Physical Chemistry Laboratory (2)
- CHM4610 - Inorganic Chemistry (3)
- CHM4610L - Inorganic Chemistry Laboratory (2)
- CHM4130 - Advanced Analytical Laboratory Technique (3)
- CHM4130L - Advanced Analytical Chemistry Laboratory (2)
- CHM4930 - Chemistry Seminar I (1)
- CHM4931 - Chemistry Seminar II (1)
- Complete 1 of the following
 - Earn at least 4 credits from the following:
 - CHM4912 - Directed Independent Research (0 - 99)
 - Complete all of the following
 - Complete the following:
 - PSC3911 - FLC Physical Science Capstone R/I (3)
 - Earn at least 1 credits from the following:
 - CHM4912 - Directed Independent Research (0 - 99)

Restricted Electives

9 Total Credits

- Complete all of the following
 - A minimum of nine hours are required but more hours may be taken. Select from the courses listed below or an alternate course as approved by the Chemistry Program Advisor.
 - If only taking the minimum 9 credits, only one of the following courses can be completed toward Restricted Electives: MAS3105, OSE3052, PCB3063
 - Earn at least 9 credits from the following:
 - BCH4054 - Biochemistry II (3)
 - BCH4103L - Biochemical Methods (2)
 - CHM4220 - Organic Chemistry III (3)
 - CHM4223 - Advanced Organic Chemistry (3)
 - CHM4230 - Applied Molecular Spectroscopy (3)
 - CHM4427 - Electrochemistry (3)
 - CHS4615 - Environmental Chemistry (3)
 - CHM5225 - Advanced Organic Chemistry (3)
 - CHM5235 - Applied Molecular Spectroscopy (3)
 - CHM5450 - Polymer Chemistry (3)
 - CHM5451C - Techniques in Polymer Science (3)
 - CHM5580 - Advanced Physical Chemistry (3)
 - CHM4942 - Instructional Experiences in Undergraduate Chemistry (3)
 - MAS3105 - Matrix and Linear Algebra (4)
 - OSE3052 - Foundations of Photonics (3)
 - PCB3063 - Genetics (3)

Grand Total Credits: **47**

Program Details

Total Undergraduate Credit Hours Required: 120

Electives

- To fulfil the 120 hours required of this degree, select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the department.

Foreign Language Requirements

Graduation

- None

Additional Requirements

- Complete a minimum of 30 Chemistry credits from the UCF Chemistry Department.
- Students must earn at least a "C" (2.0) or better in each UCF Chemistry course used to satisfy the major.

- Students must maintain a minimum cumulative GPA of 2.0 in all UCF Chemistry courses.
- Students must maintain a minimum cumulative GPA of 2.0 in all Chemistry courses.
- For both cumulative GPA calculations, all attempts of courses that could meet requirements are included, with the exception of CHM 4912, CHM 4930, and CHM 4931. Additional courses that could meet requirements but are taken beyond the minimum required (e.g., additional restricted electives taken beyond the required 10 hours) and a "C" (2.0) or better is earned, are also included in the major GPA calculations.

Departmental Exit Requirements

- Students are required to take a nationally normed test in chemistry during their last semester. The exam will be given in the Fall and Spring semesters. Students who plan to graduate in the Summer must take the exam in the Spring. The student must achieve a satisfactory score on the exam.
- Students are required to submit an undergraduate research report for evaluation no later than the date posted by the Department in the semester they intend to graduate. The report must meet or exceed departmental requirements established for the report.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Honors in the Major

- Application and admissions through The Burnett Honors College and department. More information about Honors in the Major can be found at <https://honors.ucf.edu/research/>.

Related Programs

- Forensic Science, Chemistry Track (B.S.)
- Forensic Science, Biochemistry Track (B.S.)
- Biomedical Sciences (B.S.)
- Secondary Education, Science Education Chemistry Track (B.S.)
- Chemistry, Biochemistry Track (B.S.)
- Chemistry Minor
- Biomedical Sciences Minor
- Biology Minor
- Physics Minor

Advising Notes

- Students should consult with a departmental advisor before registering.
- Students must satisfy each course's prerequisites before enrolling in the class.
- Contact your college advisor in the College of Sciences Advising Services (COSAS) office (CSB 250) for more information about overall progress toward your degree, GEP and other university requirements, academic probation, special problems as well as general academic advising.

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.
- Submit your requests for course evaluations at <https://sciences.ucf.edu/cosas/> and click on "COS Course Evaluation".

Acceptable Substitutes for Transfer Courses

- Acceptable Substitutes for common program prerequisites if taken prior to transferring to UCF:
- CHM 2045C: may use CHM X040C plus CHM X041C.
- Physics & Lab: Although the CPP allows substitution by other physics courses, they will not satisfy the major; thus the specified physics courses will still have to be taken.

- Physics: Although the CPP allows substitution by Organic Chemistry, both the specified Physics and Organic Chemistry classes are required in the major and will still have to be taken.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$45 per term
- Full-Time Student: \$90 per term

Chemistry, Biochemistry Track (B.S.)

College

College of Sciences

Department

Department of Chemistry

Program Type

Major

Program Contact Information

College of Sciences

Department of Chemistry

Physical Sciences Building (PSB), 255

chemforensicsadvise@ucf.edu

Chemistry Undergraduate Coordinator: Matthew Rex

407-823-1260

Matthew.Rex@ucf.edu

Admission Requirements

None.

Program Description

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Co-op or internship credit cannot be used in the major.
- Students should consult with a departmental advisor before registering.
- Departmental Residency Requirement consists of at least 30 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF Department of Chemistry.
- Prior to enrolling in Chemistry and Math, you must take the Chemistry Placement Test and Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
- Chemistry majors are discouraged from taking courses as a transient student at a Florida College System institution, except in situations where one semester of a two semester sequence has already been taken at the Florida College System institution.
- All prerequisites of courses taught within the College of Sciences will be enforced.
- Courses designated in Common Program Prerequisites (CPP) are usually completed in the first 60 hours. Courses designated in General Education Program (GEP) typically are spread throughout the 120 hours.
- Upon reaching junior standing (60 hours), Chemistry majors are expected to have completed the following courses and associated chemistry laboratories. These classes are prerequisites for advanced science classes and students entering the major without these classes will be unable to register for most of the advanced courses.
 - CHM 2045C - Chemistry Fundamentals I
 - CHM 2046 - Chemistry Fundamentals II
 - CHM 2046L - Chemistry Fundamentals Laboratory
 - CHM 2210 - Organic Chemistry I
 - CHM 2211 - Organic Chemistry II
 - CHM 2211L - Organic Laboratory Techniques I
 - MAC 2311C - Calculus with Analytic Geometry I
 - MAC 2312 - Calculus with Analytic Geometry II
 - PHY 2048C - General Physics Using Calculus I (or PHY 2048 and PHY 2048L)
 - PHY 2049C - General Physics Using Calculus II (or PHY 2049 and PHY 2049L)

General Education (GEP)

GEP Notes

0 Total Credits

- Complete all of the following
 - At least one course completed in each Foundation area must be a designated State General Education Core Course. See the catalog GEP description for more information.
 - Certain courses must be selected for this degree that will bring the total hours of the GEP to more than 36.

Communication Foundation

9 Total Credits

- Complete all of the following
 - GEP 1 & 2- Communication Foundation
 - Complete all courses from the following:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - Complete all of the following
 - SPC 1608 - Preferred
 - Complete at least 1 courses from the following:
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

Historical & Cultural Foundation

9 Total Credits

- Complete all of the following
 - GEP 4- Historical & Cultural Foundation

- Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
- Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - GEP 6- Historical & Cultural Foundation
- Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)

Mathematical Foundation

7 Total Credits

- Complete all of the following

GEP 7- Mathematical Foundation

- Complete all of the following
 - Prior to enrolling in any MAC course, take the Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
 - Complete the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)

GEP 8- Mathematical Foundation

- Complete all of the following
 - STA2023 - Preferred
 - Complete at least 1 courses from the following:

GEP 8- Mathematical Foundations

 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)

Social Foundation

6 Total Credits

- Complete all of the following
 - GEP 9- Social Foundation
 - Complete at least 1 courses from the following:

GEP 9- Social Foundation

 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - Complete at least 1 courses from the following:

GEP 10- Social Foundation

 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundation

8 Total Credits

- Complete all of the following
 - GEP 11- Science Foundation
 - Complete the following:
 - BSC2010C - Biology I (4)
 - Group
 - Earn at least 4 credits from the following course sets:

PHY 2048C

 - PHY2048C - General Physics Using Calculus I Studio (4)

PHY 2048 and 2048L

 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2048L - General Physics Using Calculus I Laboratory (1)

Grand Total Credits: **39**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - In addition to completing all of the required GEP: MAC 2311C and PHY2048C (PHY2048/PHY2048L),
 - Prior to enrolling into CHM2045C, take the Chemistry Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
 - Complete the following:
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHM2046 - Chemistry Fundamentals II (3)
 - CHM2046L - Chemistry Fundamentals Laboratory (1)
 - CHM2210 - Organic Chemistry I (3)
 - CHM2211 - Organic Chemistry II (3)
 - CHM2211L - Organic Laboratory Techniques I (2)
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - Earn at least 4 credits from the following course sets:
PHY 2049C
 - PHY2049C - General Physics Using Calculus II Studio (4)
PHY 2049 and 2049L
 - PHY2049 - General Physics Using Calculus II (3)
 - PHY2049L - General Physics Using Calculus II Laboratory (1)

Grand Total Credits: **24**

Degree Requirements

Core Requirements: Basic

10 Total Credits

- Complete all of the following
 - All courses specifically identified in the preceding General Education and Common Program Prerequisites sections meet the Basic Core requirement - GEP: MAC2311C, BSC2010C, PHY2048C (PHY2048/PHY2048L), and STA2023 ; CPP: CHM2045C, CHM2046, CHM2046L, CHM2210, CHM2211, CHM2211L, MAC2312, PHY2049C (PHY2049/PHY2049L)
 - Note: If STA2023 is not completed in the GEP, it is required to be taken as a part of the Basic Core requirement.
 - Complete the following:
 - CHM3120 - Analytical Chemistry (3)
 - CHM3120L - Analytical Chemistry Laboratory (1)
 - CHM3215L - Organic Laboratory Techniques II (2)
 - MAC2313 - Calculus with Analytic Geometry III (4)

Core Requirements: Advanced Level

37 Total Credits

- Complete all of the following
 - Complete the following:
 - BCH4053 - Biochemistry I (3)
 - BCH4054 - Biochemistry II (3)
 - BCH4103L - Biochemical Methods (2)
 - CHM3410 - Physical Chemistry I (4)
 - CHM3411 - Physical Chemistry II (3)
 - CHM3411L - Physical Chemistry Laboratory (2)
 - CHM4610 - Inorganic Chemistry (3)
 - CHM4930 - Chemistry Seminar I (1)
 - CHM4931 - Chemistry Seminar II (1)
 - MCB3020C - General Microbiology (5)
 - PCB3023 - Molecular Cell Biology (3)
 - PCB3063 - Genetics (3)
 - Earn at least 4 credits from the following:
 - CHM4912 - Directed Independent Research (0 - 99)

Restricted Electives

10 Total Credits

- Complete all of the following
 - A minimum of ten hours are required but more hours may be taken. Select from the courses listed below or an alternate course as approved by the Chemistry Program Advisor
 - If only taking the minimum 10 credits, only one of the following courses can be completed toward Restricted Electives: CHM4130L, MAS3105, OSE3052
 - In addition to those listed below, students may take additional physical, biological, mathematical sciences, or other courses that are selected with the aid of a departmental advisor and approved in advance by the department chair. These courses should be at least at the 3000 level.
 - Earn at least 10 credits from the following:
 - CHM4130 - Advanced Analytical Laboratory Technique (3)
 - CHM4220 - Organic Chemistry III (3)
 - CHM4223 - Advanced Organic Chemistry (3)
 - CHM4230 - Applied Molecular Spectroscopy (3)
 - CHM4427 - Electrochemistry (3)
 - CHM4610L - Inorganic Chemistry Laboratory (2)
 - CHM5225 - Advanced Organic Chemistry (3)
 - PCB3522 - Molecular Biology I (3)
 - PCB3233 - Immunology (3)
 - PCB3233L - Immunology Laboratory (1)
 - PCB3063L - Genetics Laboratory (1)
 - CHM4906 - Directed Independent Study (1 - 99)
 - CHM4130L - Advanced Analytical Chemistry Laboratory (2)
 - MAS3105 - Matrix and Linear Algebra (4)
 - OSE3052 - Foundations of Photonics (3)

Grand Total Credits: **57**

Program Details

Total Undergraduate Credit Hours Required: 120

Electives

- To fulfill the 120 hours required of this degree, select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the department.

Foreign Language Requirements

Graduation

- None

Additional Requirements

- Complete a minimum of 30 chemistry credits from the UCF Chemistry Department.
- Students must earn at least a "C" (2.0) or better in each UCF Chemistry course used to satisfy the major.
- Students must maintain a minimum cumulative GPA of 2.0 in all UCF Chemistry courses.
- Students must maintain a minimum cumulative GPA of 2.0 in all chemistry courses.
- For both cumulative GPA calculations, all attempts of courses that could meet requirements are included, with the exception of CHM 4912, CHM 4930 and CHM 4931. Additional courses that could meet requirements but are taken beyond the minimum required (e.g., additional restricted electives taken beyond the required 10 hours) and a "C" (2.0) or better is earned, are also included in the major GPA calculations

Departmental Exit Requirements

- Students are required to take a nationally normed test in chemistry and biochemistry during their last semester. The exam will be given in the fall and spring semesters. Students who plan to graduate in the summer must take the exam in the spring. The student must achieve a satisfactory score on the exam.
- Students are required to submit an undergraduate research report for evaluation no later than the date posted by the department in the semester they intend to graduate. The report must meet or exceed departmental requirements established for the report.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed

- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Honors In Major

- Application and admissions through The Burnett Honors College and department. More information about Honors in the Major can be found at <https://honors.ucf.edu/research/>.

Related Programs

- Biology (B.S.)
- Chemistry (B.S.)
- Forensic Science, Chemistry Track (B.S.)
- Forensic Science, Biochemistry Track (B.S.)
- Biomedical Sciences (B.S.)
- Chemistry Minor
- Biology Minor
- Biomedical Sciences Minor

Advising Notes

- Students should consult with a departmental advisor before registering.
- Contact your college advisor in the College of Sciences Advising Services (COSAS) office (CSB 250) for more information about overall progress toward your degree, GEP and other university requirements, academic probation, special problems as well as general academic advising.

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.
- Submit your requests for course evaluations at <https://sciences.ucf.edu/cosas/> and click on "COS Course Evaluation".

Acceptable Substitutes for Transfer Courses

- The following Common Program Prerequisite courses may be satisfied by the following courses if taken prior to transferring to UCF:
- CHM 2045C: May use CHM X040C plus CHM X041C.
- Physics: Although the CPP allows substitution by other physics courses or Organic Chemistry, both the specified Physics and Organic Chemistry classes are required in the major and will still have to be taken.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$45 per term
- Full-Time Student: \$90 per term

Chemistry Minor

College

College of Sciences

Department

Department of Chemistry

Program Type

Minor

Program Contact Information

College of Sciences
Department of Chemistry
Physical Sciences Building (PSB), 255
chemstaff@ucf.edu

Chemistry Undergraduate Coordinator: Matthew Rex
407-823-1260
matthew.rex@ucf.edu

Admission Requirements

- The minor is not open to chemistry majors.

Program Description

Minor Requirements

- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades below "C" (2.0) in lower level courses are not accepted.
- At least 11 hours used in the minor must be earned at UCF within the Department of Chemistry, with a minimum GPA of 2.0.

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Degree Requirements

Required Courses
20 Total Credits

- Complete the following:
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHM2046 - Chemistry Fundamentals II (3)
 - CHM2046L - Chemistry Fundamentals Laboratory (1)
 - CHM2210 - Organic Chemistry I (3)
 - CHM2211 - Organic Chemistry II (3)
 - CHM2211L - Organic Laboratory Techniques I (2)
 - CHM3120 - Analytical Chemistry (3)
 - CHM3120L - Analytical Chemistry Laboratory (1)

Restricted Electives
8 Total Credits

- Complete all of the following
 - Earn at least 8 credits from the following types of courses:
At least one course must be selected from Group I and the remaining from Group I and/or II.
 - Group I: BCH 4103L - Biochemical Methods Credit Hours: 2 CHM 3411L - Physical Chemistry Laboratory Credit Hours: 2 CHM 3215L - Organic Laboratory Techniques II Credit Hours: 2 CHM 4130 - Advanced Analytical Laboratory Technique Credit Hours: 3 CHM 5451C - Techniques in Polymer Science Credit Hours: 3 CHS 3530C - Forensic Analysis of Controlled Substances Credit Hours: 4
 - Group II: BCH 4053 - Biochemistry I Credit Hours: 3 BCH 4054 - Biochemistry II Credit Hours: 3 CHM 3410 - Physical Chemistry I Credit Hours: 4 CHM 3411 - Physical Chemistry II Credit Hours: 3 CHM 3422 - Applied Physical Chemistry Credit Hours: 3 CHM 4220 - Organic Chemistry III Credit Hours: 3 CHM 5225 - Advanced Organic Chemistry Credit Hours: 3 CHM 5235 - Applied Molecular Spectroscopy Credit Hours: 3 CHM 5450 - Polymer Chemistry Credit Hours: 3 CHS 4615 - Environmental Chemistry Credit Hours: 3
 - Additional upper level courses may be taken as approved.

Grand Total Credits: **28**

Program Details

Total Undergraduate Credit Hours Required: 28

Other Requirements

- Internship, Co-op, or Independent Study credit cannot be used toward the minor.

Civics Teaching Certificate**College**

College of Sciences

Department

School of Politics, Security, and International Affairs

Program Type

Certificate

Program Description

College of Sciences

School of Politics, Security, and Intl Affairs

Howard Phillips Hall (HPH), 302

407-823-2608

politics@ucf.edu

Professor: Dr. Terri Susan Fine

Terri.Fine@ucf.edu

College of Community Innovation and Education

School of Teacher Education

Educational Complex & Gym (ED), 209

407-823-5791

socscied@ucf.edu

Professor: Dr. Scott Waring

scott.waring@ucf.edu

The Civics Teaching Certificate program will provide specialized knowledge in civics teaching in Florida focusing on content, pedagogy, assessment and civics-focused experiential learning which will enhance social studies education, political science, social science and interdisciplinary studies majors. Students pursuing social science teaching certification, including alternative certification, will develop specialized skills to teach civics and government geared toward Florida 6-12 instructional requirements. The program is open to all majors.

Admission Requirements

- none

Certificate Requirements

- A minimum overall 2.5 GPA is required in courses used to satisfy the certificate.
- At least 9 hours used in the certificate must be earned at UCF within the participating departments.

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Program Details

Required Courses (9 Credit Hours)

- POS 3272 - Civic Engagement **Credit Hours: 3**
- POT 3206 - Political Ideals and the U.S. Constitution **Credit Hours: 3**
- SSE 4042 - Teaching Social Science as a Profession **Credit Hours: 3**

Restricted Electives (3 Credit Hours)

- Select from the following
- POS 3413 - The American Presidency **Credit Hours: 3**
- POS 3424 - Congress and the Legislative Process **Credit Hours: 3**
- POS 4284 - Judicial Process and Politics **Credit Hours: 3**
- SSE 4323 - Teaching Civics in Florida **Credit Hours: 3**

Total Undergraduate Credit Hours Required: 12

Other Requirements

- Internship, independent study and substitute courses/new courses are allowed at the minor advisor's discretion
- No credit by exam (TSD, Military credit) may be used

Communication & Conflict (B.A.)

College

College of Sciences

Department

Nicholson School of Communication and Media

Program Type

Major

Program Contact Information

**College of Sciences
Nicholson School of Communication and Media
UnionWest at Creative Village (UWCV), 200**

Undergraduate Program Coordinator: Harry Weger
harry.weger@ucf.edu

Nicholson Academic Student Services Center (NASSC):
407-823-2681
nassc@ucf.edu

Communication and Conflict (B.A.) may be completed fully online, although not all elective options or program prerequisites may be offered online. Newly admitted students choosing to complete this program exclusively via UCF online classes may enroll with a reduction in campus-based fees.

Is this program available 100% online?

Yes

UCF Online

Online Communication and Conflict, BA

Admission Requirements

None.

Program Description

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Co-op or internship credit may be used in this major with prior advisor approval.
- Students cannot exceed a total of six credits of internship, co-op, and independent study credits combined.
- School residency requirement consists of at least 24 semester hours of regularly scheduled 3000-4000 level courses taken from the Nicholson School of Communication and Media.
- All prerequisites of courses taught within the College of Sciences will be enforced.
- Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.

General Education (GEP)

GEP Notes

0 Total Credits

- At least one course completed in each Foundation area must be a designated State General Education Core Course. See the catalog GEP description for more information.

Communication Foundation

9 Total Credits

- Complete all of the following
 - GEP 1 & 2- Communication Foundation
 - Complete all courses from the following:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - Complete the following:
 - SPC1608 - Fundamentals of Oral Communication (3)

Historical & Cultural Foundation

9 Total Credits

- Complete all of the following
 - GEP 4- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - GEP 6- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)

- Complete all of the following
 - GEP 7- Mathematical Foundation
 - Complete all of the following
 - MAC1105C, MGF1106, or MGF1107 - Preferred
 - You may substitute a higher-level MAC course with an appropriate score on the Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - GEP 8- Mathematical Foundation
 - Complete the following:
 - STA2014 - Principles of Statistics (3)

Social Foundation

6 Total Credits

- Complete all of the following
 - GEP 9- Social Foundation
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundation

6 - 8 Total Credits

- Complete all of the following
 - GEP 11- Science Foundation
 - Complete at least 1 courses from the following:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - GEP 12- Science Foundation
 - Complete at least 1 courses from the following:
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)

- MET2104 - The Earth's Climate (3)

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

- CPP fulfilled by completing SPC1608 (GEP).

Grand Total Credits: **0**

Degree Requirements

Core Requirements: Basic Level

0 Total Credits

- The Basic Core is fulfilled by completion of the required GEP (SPC1608 and STA2014).

Core Requirements: Advanced Level

12 Total Credits

- Complete all of the following
 - Complete at least 1 of the following:
 - COM3800 - Conflict Communication Research Methods (3)
 - COM3311 - Communication Research Methods (3)
 - Complete the following:
 - COM3802 - Principles of Communication & Conflict (3)
 - Select one from each group:
 - Complete all of the following
 - Complete at least 1 of the following:
 - COM3801 - Relational Conflict Communication (3)
 - SPC3301 - Interpersonal Communication (3)
 - Complete at least 1 of the following:
 - COM4804 - Communication in Cultural Conflict Context (3)
 - COM4461 - Intercultural Communication (3)

Restricted Electives

21 Total Credits

- Complete all of the following
 - Internal Restricted Electives
 - Complete all of the following
 - Earn at least 15 credits from the following:
 - COM4013 - Communication and the Family (3)
 - COM4014 - Gender Issues in Communication (3)
 - COM4022 - Principles of Health Communication (3)
 - COM4026 - Current Issues in Communication (3)
 - COM4110 - Business and Professional Communication (3)
 - COM4120 - Organizational Communication (3)
 - COM4550 - Public Communication Campaigns (3)
 - COM4563 - Principles of Social Innovation and Activism (3)
 - COM4803 - Third Party Processes & Intervention (3)
 - COM4805 - Transformative Communication (3)
 - COM4906 - Independent Study (1 - 99)
 - COM4949 - Cooperative Education in Communications (1 - 99)
 - MMC4300 - International Media (3)
 - PUR4000 - Public Relations (3)
 - PUR4400 - Crisis Communication (3)
 - SPC4302 - Advanced Interpersonal Communication (3)
 - SPC4426 - Group Dynamics (3)
 - SPC4513C - Argumentation and Debate (3)
 - SPC4540 - Persuasion and Communication (3)
 - SPC4949 - Cooperative Education in Speech Communication (0 - 99)
 - ENC3241 - Writing for the Technical Professional (3)
 - ENC3250 - Professional Writing (3)

- ENC3311 - Essay as Cultural Commentary (3)
 - ENC3314 - Writing and Rhetoric Foundations (3)
 - ENC3315 - Argumentative Writing (3)
 - No more than six (6) credits of any combination of the following can be applied to Internal Restricted Electives: COM4906, COM4941, COM4949, SPC4949
 - Only one course (three (3) credits) from the following can be applied to Internal Restricted Electives: ENC 3241, ENC 3250, ENC 3311, ENC 3314, ENC 3315
 - Additional upper division COM or SPC courses can be taken as approved by an advisor.
- External Restricted Electives
- Earn at least 6 credits from the following types of courses:
A minimum of six upper division credit hours selected from courses within Nicholson School of Communication and Media but outside of the Human Communication area (i.e. Advertising-Public Relations, Digital Media, Film, Journalism, or Radio-Television) not specified as restricted internal electives above. Additionally, and when available, open courses in Business, Legal Studies, Leadership Studies, Writing and Rhetoric, Psychology, Sociology, Political Science, Public Administration, or other related areas, maybe approved by NSCM advisors for use as external restricted electives

Capstone Requirements

3 Total Credits

- Complete the following:
 - COM4806 - Communication & Conflict Case Studies (3)

Grand Total Credits: **36**

Program Details

Total Undergraduate Credit Hours Required: 120

Electives

To fulfill the 120 hours required of this degree, select primarily from upper level courses. May be taken outside of the Nicholson School of Communication and Media.

Foreign Language Requirements

Graduation

- Proficiency equivalent to two semesters of college instruction in a foreign language (taught by the Department of Modern Languages and Literatures or Judaic Studies) or in American Sign Language (ASL). Standardized examinations for foreign languages may be used. ASL proficiency is met by successful completion of ASL 2140 and ASL 2150 or an appropriate score on the ASL proficiency exam. Contact the Department of Communication Sciences and Disorders (<https://healthprofessions.ucf.edu/csd/>) regarding the ASL proficiency examination. Consult with the NSCM advising staff to understand how choosing ASL might impact hours needed to graduate.

Departmental Exit Requirements

- Students must achieve a minimum average GPA of 2.0 in courses used to satisfy the major.
- To avoid graduation delays, meet with your advisor to review graduation requirements before registering for your last term.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 48 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Honors In Major

- Application and admissions through The Burnett Honors College and department. More information about Honors in the Major can be found at <https://honors.ucf.edu/research/>.

Related Programs

- Human Communication Minor
- Mass Media Minor
- Advising Notes
- Students must consult with a school advisor.

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: <http://www.oas.ucf.edu/alc/academiclearningcompacts.html>

Crime, Law, and Deviance Minor

College

College of Sciences

Department

Department of Sociology

Program Type

Minor

Program Contact Information

College of Sciences
Sociology Department
Howard Phillips Hall (HPH), 403
sociology@ucf.edu

Lecturer, Social Science Program Director and Sociology Undergraduate Director: Dr. Michael Armato
407-823-0758
michael.armato@ucf.edu

Admission Requirements

- The minor is not open to sociology majors.
- Courses used to satisfy the Restricted Electives of this minor cannot be used to satisfy other sociology minors.

Program Description

The Crime, Law, and Deviance minor examines matters of sociological interest related to the study and understanding of deviant, delinquent, and criminal behavior, the relationship between law and society, and victimology. The minor facilitates an understanding of crime and deviance from a sociological perspective and prepares students for careers and graduate school in related fields.

Minor Requirements

- Students must have a minimum GPA of 2.0 in courses used in the minor.
- At least 12 hours used in the minor must be earned at UCF within the Sociology Department.

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Degree Requirements

Required Courses

6 Total Credits

- Complete all of the following
 - Complete the following:
 - SYP3520 - Criminology (3)
 - Complete at least 1 of the following:
 - SYG2000 - Introduction to Sociology (3)
 - SYG2010 - Social Problems (3)

Restricted Electives

12 Total Credits

- Complete all of the following
 - Additional courses can be taken as approved.
 - Complete at least 4 of the following:
 - SYD4813 - Women, Law and Social Change (3)
 - SYP3510 - Sociology of Deviant Behavior (3)
 - SYP3511 - Sociology of Murder (3)
 - SYP3530 - Juvenile Delinquency (3)
 - SYP3540 - Sociology of Law (3)
 - SYP3562 - Domestic Violence in Society (3)
 - SYP4514 - Violence in Society (3)
 - SYP4521 - Crime Victims in Society (3)
 - SYP4550 - Drug Use in Society (3)
 - SYP4536 - Gangs and Society (3)

Grand Total Credits: **18**

Program Details

Total Undergraduate Credit Hours Required: 18

Cultural Anthropology Minor

College

College of Sciences

Department

Department of Anthropology

Program Type

Minor

Program Contact Information

College of Sciences

Anthropology Department

Howard Phillips Hall (HPH), 309

407-823-2227

anthro@ucf.edu

Associate Lecturer & Undergraduate Coordinator: Dr. Sandra Wheeler
sandra.wheeler@ucf.edu

Admission Requirements

- The minor is not open to anthropology majors.

Program Description

The Cultural Anthropology Minor allows students to explore the diversity of cultures in a variety of non-Western and Western contexts, both historically and in the present. Students examine how ideas about cultures have evolved over time and how anthropology has researched, analyzed, and understood cultural diversity and change. Courses include topics of colonialism, Westernization and culture change, globalization, migration and refugees, poverty, war and violence, race, gender and sexuality, media and popular culture, and medical anthropology. There are three great reasons to pursue the Cultural Anthropology Minor. First, the material is intellectually exciting and engages students in thinking about the most pressing social, global, and political issues taking place around us. Second, understanding cultural complexities complements and adds depth to any major, and demonstrates students' well-rounded education. Third, cultural anthropology opens doors in a variety of career settings, including global and local advocacy, public service, health sector, business, research, and teaching.

Minor Requirements

- Students must earn a grade of "C" (2.0) or better in all courses used to satisfy the minor.
- At least 15 hours used in the minor must be earned at UCF within the Anthropology Department.
- Only two anthropology courses can overlap for students enrolled in multiple anthropology programs (minors or certificates). (Note: The myKnight Audit cannot capture overlapping courses between two or more programs; therefore, students should have their program reviewed by the department before filing for graduation.)

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Degree Requirements

Required Courses

3 Total Credits

- Complete the following:
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)

Restricted Electives

15 Total Credits

- Earn at least 15 credits from the following:
 - ANT3179 - Australian Archaeology and Indigenous Cultures (3)
 - ANT3212 - Peoples of the World (3)
 - ANT3241 - Magic, Ritual, and Belief (3)
 - ANT3245 - Native American Religions (3)
 - ANT3275 - Anthropological Perspectives on Refugees (3)
 - ANT3290 - Anthropology of Plants and People (3)
 - ANT3302 - Sex, Gender and Culture (3)
 - ANT3311 - Indians of the Southeastern United States (3)
 - ANT3312 - Ethnology of North American Indians (3)
 - ANT3330 - Anthropology of the Amazon (3)
 - ANT3362 - Peoples of Southeast Asia (3)
 - ANT3451 - Race Matters: Anthropological Approaches to Racism (3)
 - ANT3610 - Language and Culture (3)
 - ANT3701 - Engagement & Social Change: Public Anthropology (3)
 - ANT4013 - Anthropology of Fast Food (3)
 - ANT4034 - History of Anthropological Thought (3)
 - ANT4051 - Environmental Anthropology (3)
 - ANT4081 - Science, Technology, and Culture (3)
 - ANT4332 - People and Cultures of Latin America (3)
 - ANT4408 - Culture, Disease, and Healing (3)
 - ANT4441 - Anthropology of Cities (3)
 - ANT4462 - Medical Anthropology (3)
 - ANT4467 - Nutritional Anthropology (3)
 - ANT4480 - Global Health in Anthropological Perspective (3)
 - ANT4481 - Anthropology of Drugs and Addiction (3)
 - ANT4482 - Anthropology of Mental Health (3)
 - ANT4702 - Culture, Inequality and Global Development (3)
 - ANT4802 - Ethnographic Field Methods (3)

Grand Total Credits: **18**

Program Details

Total Undergraduate Credit Hours Required: 18

Data Science (B.S.)

College

College of Sciences

Department

Department of Statistics

Program Type

Major

Program Contact Information

College of Sciences
Department of Statistics and Data Science
Technology Commons II (TC2)
407-823-2289

Program Director: *Dr. Mitchell Hill*
Technology Commons II (TC2)
407-823-0751
mitchell.hill@ucf.edu

Program Description

Data Science is an emerging discipline that seeks to infer insights from large amounts of data ("big data") by using various statistical techniques and algorithms. The discipline is concerned with both statistical techniques that measure the validity of such insights and with computational techniques for managing data and resources efficiently.

The Data Science B.S. is an interdisciplinary degree that is offered jointly by the departments of Computer Science, Statistics and Data Science, Mathematics, and Industrial Engineering and Management Systems. This program emphasizes the technical aspects of big data analytics, including algorithm design, programming, acquisition, management, mining, analysis, and interpretation of data. This program aims to train students to develop algorithms and computerized systems to facilitate the discovery of information from big data.

In addition to preparing graduates for immediate entry into careers and the job market, graduates of this program may also go on to pursue advanced degrees, such as the UCF M.S. in Data Analytics program or a related M.S. degree, or a Ph.D. program in Computer Science, Statistics and Data Science or a related area, and graduates may also seek professional distinction.

Admission Requirements

- None

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- With the exception of the Capstone course, co-op or internship credit cannot be used in this major. Students should consult with a departmental advisor.
- All prerequisites of courses taught within the College of Sciences and the College of Engineering & Computer Science will be forced.
- Courses designated in the General Education Program (with the exception of prerequisite courses) may be spread over 4 years, and those designated in the Common Program Prerequisites section must be completed within the first 60 hours.
- Students must earn at least a "C" (2.0) in each advanced core required course for the major.
- Students must achieve a minimum cumulative GPA of 2.0 in all courses satisfying major requirements. Data Science students must have continual access to a computer. Contact the UCF Technology Product Center or see the website (<http://www.cstore.ucf.edu>) for the minimum hardware and software specifications.

General Education (GEP)

GEP Notes
0 Total Credits

- Complete all of the following
 - Certain courses must be selected for this degree that will bring the total hours of the GEP to more than 36.
 - At least one course completed in each Foundation area must be a designated State General Education Core Course. See the catalog GEP description for more information.

Communication Foundation
9 Total Credits

- Complete all of the following

- GEP 1 & 2- Communication Foundation
 - Complete all courses from the following:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - Complete at least 1 courses from the following:
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

Historical & Cultural Foundation

9 Total Credits

- Complete all of the following
 - GEP 4- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - GEP 6- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)

- FIL3036 - Film History I (3)
- FIL3037 - Film History II (3)
- LIT2110 - World Literature I (3)
- LIT2120 - World Literature II (3)
- MUH2017 - Survey of Rock Music (3)
- MUH2019 - American Popular Music, 1840s-present (3)
- MUL2016 - Evolution of Jazz (3)
- MUL2720 - Music of the World (3)
- PHI2010 - Introduction to Philosophy (3)
- REL2300 - World Religions (3)
- THE2000 - Theatre Survey (3)
- MUL2010 - Enjoyment of Music (3)

Mathematical Foundation
7 Total Credits

- Complete all of the following
 - GEP 7- Mathematical Foundation
 - Complete all of the following
 - Prior to enrolling in any MAC course, take the Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
 - Complete the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - GEP 8- Mathematical Foundation
 - Complete the following:
 - STA2023 - Statistical Methods I (3)

Social Foundation
6 Total Credits

- Complete all of the following
 - GEP 9- Social Foundation
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundation
8 Total Credits

- Complete all of the following
 - GEP 11- Science Foundation
 - Earn at least 4 credits from the following course sets:
 - PHY 2048C
 - PHY2048C - General Physics Using Calculus I Studio (4)
 - PHY 2048 and 2048L
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2048L - General Physics Using Calculus I Laboratory (1)
 - Group
 - Complete the following:
 - BSC2010C - Biology I (4)

Grand Total Credits: **39**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - In addition to completing all of the required GEP (BSC2010C, MAC2311C, STA2023, and PHY2048C (or PHY2048 & PHY2048L)),
 - Complete the following:
 - COP3223C - Introduction to Programming with C (3)
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - MAC2313 - Calculus with Analytic Geometry III (4)

Grand Total Credits: **11**

Degree Requirements

Core Requirements: Advanced Level

66 Total Credits

- Complete all of the following
 - In addition to completing all of the required GEP and CPP courses (see above),
 - Complete the following:
 - COP3502C - Computer Science I (3)
 - CIS4340 - Data Management Technology (3)
 - COP4283 - Data Science Programming (3)
 - ISC4241 - Data Science I (3)
 - ISC4242 - Data Science II (3)
 - ISC4311 - Predictive Analytics (3)
 - ISC4551 - Data Graphics and Visualization (3)
 - MAS3105 - Matrix and Linear Algebra (4)
 - STA4364 - Statistical Foundations of Data Science and Artificial Intelligence I (3)
 - STA4365 - Statistical Foundations of Data Science and Artificial Intelligence II (3)
 - STA4163 - Statistical Methods II (3)
 - STA4164 - Statistical Methods III (3)
 - STA4724 - Big Data Analytics Methods (4)
 - Complete at least 1 of the following:
 - COT3100C - Introduction to Discrete Structures (3)
 - MHF3302 - Logic and Proof in Mathematics (3)
 - Complete at least 1 of the following:
 - CAP4611 - Algorithms for Machine Learning (3)
 - Course Not Found
 - MAP4112 - Mathematical Foundations of Machine Learning and Artificial Intelligence (3)
 - STA4241 - Statistical Learning (3)
 - Earn at least 19 credits from the following types of courses:
Select primarily from upper level courses after meeting with a departmental advisor. Courses may be selected from among those courses not completed within the advanced core or outside the participating departments.

Capstone Requirement

4 Total Credits

- Complete the following:
 - ISC4323C - Praxis for Data Science (4)

Grand Total Credits: **70**

Program Details

Total Undergraduate Credit Hours Required: 120

Foreign Language Requirements

Graduation

- None

Departmental Exit Requirements

- All students will complete an exit interview.
- Students must earn at least a "C" (2.0) in each advanced core required course for the major.
- Students must achieve a minimum cumulative GPA of 2.0 in all courses satisfying major requirements.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of summer credit

Honors In Major

Application and admissions through The Burnett Honors College and department. More information about Honors in the Major can be found at <https://honors.ucf.edu/research/>.

Related Programs

- Actuarial Science (B.S.)
- Computer Science (B.S.)
- Industrial Engineering (B.S.)
- Mathematics (B.S.)
- Statistics (B.S.)
- Actuarial Science Minor
- Business Minor
- Computer Science Minor
- Economics Minor
- Information Technology Minor
- Leadership Studies Minor
- Mathematics Minor
- Secure Computing and Networks Minor
- Statistics Minor
- Technological Entrepreneurship Minor

Advising Notes

- It is the student's responsibility to ensure they have satisfied course prerequisites before registering for a class. Students should consult with a program advisor.
- Contact your college advisor in the College of Sciences Advising Services (COSAS) office (CSB 250) for more information about overall progress toward your degree, GEP and other university requirements, academic probation, special problems as well as general academic advising.

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.
- Submit your requests for course evaluations at <https://sciences.ucf.edu/cosas/> and click on "COS Course Evaluation."
- Courses transferred for equivalency to courses in the College of Engineering and Computer Science must be formally evaluated for equivalency by the relevant department.
- The following substitutions are acceptable for Common Program Prerequisites if taken as part of the AA course work.
 - Computer Science: Any COP programming language course will satisfy the CPP. However, COP 3223C (Introduction to Programming with C) is a prerequisite for Computer Science courses and still needs to be taken; however COP 2220 (C Programming) will be substituted for COP 3223C.

Program Academic Learning Compacts

Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at:

Digital Media (B.A.)

College

College of Sciences

Department

Nicholson School of Communication and Media

Program Type

Major

Program Contact Information

**College of Sciences
Nicholson School of Communication and Media
Communication and Media Building (CMB)**

Nicholson Academic Student Services Center (NASSC)
407-823-2681
nassc@ucf.edu

Admission Requirements

None

Program Description

The B.A. in Digital Media allows students to integrate the multiple domains of art, storytelling, and technology. It is designed to provide a solid foundation in techniques and theory in one focused area of competence, provide a broad understanding of related disciplines including arts, humanities, and technology, and provide extended experience in working in multidisciplinary teams on realistic problems. It recognizes that there are many combinations of courses which meet the needs of individual students. Two specializations -Game Design and Web and Social Platforms - lead to a Bachelor of Arts degree.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Departmental Residency Requirement consists of at least 24 hours of regularly scheduled 3000-4000 level courses taken from the UCF Nicholson School of Communication and Media.
- Students must earn at least a "C" (2.0) in each required course, except DIG 2000 and DIG 4713 which require a "B" (3.0) or better.
- Students should consult with a NSCM advisor on a regular basis.
- No more than 6 hours of overlap allowed between courses used in the Digital Media BA and any minor. Please see NSCM advising for permission to complete more than one major in NSCM. Certain restrictions apply and plans of study must be pre-approved.
- Although GaIM/NSCM maintain computer labs for student use, majors must have continual access to a computer. Contact the UCF Technology Product Center or see the website (<http://www.cstore.ucf.edu>) for the minimum hardware and software specifications.

General Education (GEP)

- Complete all of the following
 - GEP 1 & 2- Communication Foundation
 - Complete all courses from the following:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation

- Complete at least 1 courses from the following:
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - GEP 4- Historical & Cultural Foundation
- Complete all of the following
 - HUM 2020 - Preferred
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
- Complete the following:
 - ARH2050 - History of Western Art I (3)
- GEP 6- Historical & Cultural Foundation
- Complete all of the following
 - ARH 2051 - Preferred
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- GEP 7- Mathematical Foundation
- Complete all of the following
 - Complete the following:
 - MAC1105C - College Algebra (3)
 - May substitute more advanced mathematics course
- GEP 8- Mathematical Foundation
- Complete the following:
 - CGS2100C - Computer Fundamentals for Business (3)
- GEP 9- Social Foundation
- Complete at least 1 courses from the following:

GEP 9- Social Foundation

- ANT2000 - General Anthropology (3)
- HSA2117 - Civic Engagement in the US Healthcare System (3)
- PSY2012 - General Psychology (3)
- SYG2000 - Introduction to Sociology (3)

GEP 10- Social Foundation

- Complete all of the following
 - AMH 2020 -- Preferred
 - Complete at least 1 courses from the following:
GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

GEP 11- Science Foundation

- Complete at least 1 courses from the following:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)

GEP 12- Science Foundation

- Complete at least 1 courses from the following:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36 - 38**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - In addition to completing all the required GEP (ARH 2050, MAC 1105C and CGS 2100C),
 - Complete the following:
 - DIG2000 - Introduction to Digital Media (3)
 - DIG2030 - Digital Video Fundamentals (3)
 - DIG2109 - Digital Imaging Fundamentals (3)
 - DIG2500 - Fundamentals of Interactive Design (3)

Grand Total Credits: **12**

Degree Requirements

Core Requirements: Basic Level

6 Total Credits

- Complete all of the following
 - In addition to completing all of the required GEP and CPP courses,
 - Complete at least 2 of the following:
 - DIG2783 - Fundamentals of Game Art (3)
 - ART2201C - Design Fundamentals-Two Dimensional (3)

- ART2203C - Design Fundamentals-Three Dimensional (3)
- ART2300C - Drawing Fundamentals I (3)
- ART2301C - Drawing Fundamentals II (3)
- DIG2783 is suggested for Game Design Track. Note that ART2300C is a prerequisite for ART2301C.

Core Requirements: Advanced Level
45 Total Credits

- Complete 1 of the following
 - Game Design
 - Complete all of the following
 - Complete the following:
 - DIG3024 - Digital Cultures & Narrative (3)
 - DIG3043 - Evolution of Video Games (3)
 - DIG3480 - Computer as a Medium (3)
 - DIG3728C - Game Testing (3)
 - DIG4630 - Creative Industries (3)
 - DIG4713 - Game Design (3)
 - DIG4715C - Game Production (3)
 - DIG4720C - Casual Game Production (3)
 - DIG4780C - Modeling for Realtime Systems (3)
 - Earn at least 3 credits from the following types of courses:
DIG 4595 - Portfolio Development DIG 4941 - Internship
 - Complete at least 3 of the following:
 - DIG4295C - Game Optimization & Performance (3)
 - DIG3727C - Game Level Design (3)
 - DIG3602C - Physical Computing (3)
 - DIG4324C - Modeling for Realtime Systems II (3)
 - DIG4778C - Game Design Tools & Plugins (3)
 - DIG4138 - Digital Sculpting (3)
 - DIG4633C - Multi-Modal Design (3)
 - DIG4294C - Post-Production Game FX (3)
 - DIG4813 - Contemporary Topics in Digital Media (3)
 - Earn at least 6 credits from the following types of courses:
3000 or 4000 level courses from ART, ARH, FIL, GRA, DIG, PGY, or any 3000 or 4000 level courses approved by the school not already used in the major.
 - Web and Social Platforms
 - Complete all of the following
 - Complete the following:
 - DIG3024 - Digital Cultures & Narrative (3)
 - DIG3134C - Server-Side Scripting (3)
 - DIG3146 - Social Platforms (3)
 - DIG3174C - Front-End Web Design (3)
 - DIG3175 - Design for Accessibility and Engagement (3)
 - DIG3525 - Digital Media Production I (3)
 - DIG3716C - Client-Side Scripting (3)
 - DIG3811 - User-Centered Design (3)
 - DIG4503C - Rapid Application Web Development (3)
 - DIG4630 - Creative Industries (3)
 - DIG4639C - Mobile Development (3)
 - Earn at least 12 credits from the following types of courses:
3000 or 4000 level courses from ART, ARH, FIL, GRA, DIG, PGY or any 3000 or 4000 level courses approved by the school not already used in the major.

Capstone Requirements
6 Total Credits

- Complete 1 of the following
 - Game Design Capstone
 - Complete the following:
 - DIG4725C - Game Design Workshop I (3)
 - DIG4726C - Game Design Workshop II (3)

Web and Social Platforms Capstone

- Complete the following:
 - DIG4104C - Web Design Workshop I (3)
 - DIG4172C - Web Design Workshop II (3)

Grand Total Credits: **57**

Program Details

Electives

- To fulfill the 120 hours required in this degree, electives may be taken in allied programs such as Art, Music, Philosophy, English, Film, the Nicholson School of Communication and Media, Computer Science, etc. as approved by the School.

Foreign Language Requirements

Graduation

- Proficiency equivalent to two semesters of college instruction in a foreign language (taught by the Department of Modern Languages and Literatures of Judaic Studies) or in American Sign Language (ALS). Standardized examinations for foreign languages may be used. ASL proficiency is met by successful completion of ASL 2140 and ASL 2150 or an appropriate score on the ASL proficiency exam. Contact the Department of Communication Sciences and Disorders (<https://healthprofessions.ucf.edu/csd/>) regarding the ASL proficiency examination. Consult with the NSCM advising staff to understand how choosing ASL might impact hours needed to graduate.

Departmental Exit Requirements

- Achieve at least a "C" (2.0) GPA in all major requirements

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120 Honors In Major

- Students interested in completing Honors in the Major should contact their program advisor. More information about Honors in the Major can be found at <http://research.honors.ucf.edu/honors-in-the-major>.

Related Programs

- Art, Studio Track (B.A.)
- Computer Science (B.S.)
- English, Creative Writing (B.A.)
- English, Literature (B.A.)
- English, Technical Communication (B.A.)
- Film (B.A.)
- Music (B.A.)

- Art - Studio Minor
- Information Technology Minor
- Computer Science Minor
- English, Technical Communication Minor
- Film, Cinema Studies Minor
- Music Minor

Advising Notes

- <https://communication.ucf.edu/advising/>
- nassc@ucf.edu

Transfer Notes

- Grades less than 'C' (2.0) are not accepted.
- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alac/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$45 per term
- Full-Time Student: \$90 per term

Digital Media Minor

College

College of Sciences

Department

Nicholson School of Communication and Media

Program Type

Minor

Program Contact Information

College of Sciences

**Nicholson School of Communication and Media
Communication and Media Building (CMB)**

Nicholson Academic Student Services Center (NASSC)

407-823-2681

nassc@ucf.edu

Admission Requirements

None

Degree Requirements

Required Courses

12 Total Credits

- Complete the following:
 - DIG2000 - Introduction to Digital Media (3)
 - DIG2030 - Digital Video Fundamentals (3)
 - DIG2109 - Digital Imaging Fundamentals (3)
 - DIG2500 - Fundamentals of Interactive Design (3)

Restricted Electives

6 Total Credits

- Complete all of the following
 - Earn at least 6 credits from the following types of courses:
DIG 3003 - Adventures in Emerging Media Credit Hours: 3 DIG 3024 - Digital Cultures & Narrative Credit Hours: 3 DIG 3043 - Evolution of Video Games Credit Hours: 3 DIG 3134C - Server-Side Scripting Credit Hours: 3 DIG 3480 - Computer as a Medium Credit Hours: 3 DIG 3525 - Digital Media Production I Credit Hours: 3 DIG 3563 - Information Management and Entrepreneurship Credit Hours: 3 DIG 3716C - Client-Side Scripting Credit Hours: 3 DIG 3811 - User-Centered Design Credit Hours: 3 DIG 4630 - Creative Industries Credit Hours: 3 DIG 4780C - Modeling for Realtime Systems Credit Hours: 3 FIL 4040 - Animation Film History for Non-Film Majors Credit Hours: 3
 - A list of approved restricted elective courses is found in the myKnight audit. In addition to the above, any 3000 or 4000 level courses approved by the Nicholson School of Communication and Media may be completed.

Grand Total Credits: **18**

Program Details

Total Undergraduate Credit Hours Required: 18

Other Requirements

- A minimum grade of "C" (2.0) or better is required in each course used to satisfy the minor, except in DIG 2000 where a "B" (3.0) or better is required.
- At least 12 hours used in the minor must be earned at UCF within the Nicholson School of Communication and Media.
- No credit by exam (TSD, Military credit) may be used.
- Internship, cooperative education, or Independent Study credit can be used in the minor only with prior written permission from a school advisor.

Diplomacy Certificate

College

College of Sciences

Department

School of Politics, Security, and International Affairs

Program Type

Certificate

Program Description

College of Sciences
School of Politics, Security, and Intl Affairs
Howard Phillips Hall (HPH), 302
407-823-2608
politics@ucf.edu

College of Arts and Humanities
Department of History
Trevor Colbourn Hall (TCH), 319
407-823-2225
history@ucf.edu

Professor: Dr. Roger Handberg
Politics@ucf.edu

Department Chair, Associate Professor: Dr. Peter Larson
History@ucf.edu

In an increasingly shrinking, interdependent world, an understanding of diplomacy and diplomatic processes is critical for work in global business, international organizations and government. Students who complete this certificate program will have gained experience in diplomatic history, concepts, theories, methods, protocol and practice. Certificates will be awarded only at the time of degree completion.

Certificate Admission Requirements

- None

Certificate Requirements

- A minimum overall GPA of 2.0 is required in courses used to satisfy the certificate.
- At least 12 hours used in the certificate must be earned at UCF within the participating departments.

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Program Details

Required Courses (6 Credit Hours)

- INR 4030 - Diplomacy **Credit Hours: 3**
- AMH 4513 - US Foreign Relations: Close of World War II to the Present **Credit Hours: 3**

Restricted Electives (9 Credit Hours)

Select three courses from the following list: (9 Credit Hours)

- ASH 3223 - The Modern Middle East **Credit Hours: 3**
- ASH 4404 - Modern China **Credit Hours: 3**
- AMH 4512 - US Foreign Relations from the Founding Era to World War II **Credit Hours: 3**
- EUH 3242 - Modern Europe and the First World War **Credit Hours: 3**
- EUH 3281 - Second World War and Rebirth of Europe **Credit Hours: 3**
- EUH 4574 - History of Russia: 1801-1917 **Credit Hours: 3**
- EUH 4576 - History of Russia in the 20th Century **Credit Hours: 3**
- EUH 4620 - European Great Powers: 1815-1914 **Credit Hours: 3**
- EUH 4663 - History of Communism in Europe **Credit Hours: 3**
- INR 4054 - Global Politics of Energy **Credit Hours: 3**
- INR 4074 - Immigration Policy **Credit Hours: 3**
- INR 4075 - Human Rights Policy **Credit Hours: 3**
- INR 4076 - Global Drug Policy **Credit Hours: 3**
- INR 4084 - Politics of International Terrorism **Credit Hours: 3**
- INR 4102 - American Foreign Policy **Credit Hours: 3**
- INR 4114 - American Security Policy **Credit Hours: 3**
- INR 4115 - Strategic Weapons and Arms Control **Credit Hours: 3**
- INR 4350 - Global Environmental Politics **Credit Hours: 3**
- INR 4351 - International Environmental Law **Credit Hours: 3**
- INR 4401 - International Law **Credit Hours: 3**
- INR 4502 - International Organizations **Credit Hours: 3**
- INR 4603 - International Relations Theory **Credit Hours: 3**
- INR 4714 - Politics of International Trade Policy **Credit Hours: 3**
- POT 4314 - Contemporary Democratic Theory **Credit Hours: 3**
- POT 4632 - Religion and Politics **Credit Hours: 3**

Total Undergraduate Credit Hours Required: 15

Other Requirements

- Internships, independent study and substitute courses/new courses are allowed at the minor advisor's discretion.

Diplomacy Minor

College

College of Sciences

Department

School of Politics, Security, and International Affairs

Program Type

Minor

Program Contact Information

College of Sciences
School of Politics, Security, and Intl Affairs
Howard Phillips Hall (HPH), 302
407-823-2608
politics@ucf.edu

College of Arts and Humanities
Department of History
Trevor Colbourn Hall (TCH), 319
407-823-2225
history@ucf.edu
Professor: Dr. Roger Handberg
Politics@ucf.edu

Department Chair, Associate Professor: Dr. Peter Larson
History@ucf.edu

Admission Requirements

None

Program Description

In an increasingly shrinking, interdependent world, an understanding of diplomacy and diplomatic processes is critical for work in global business, international organizations and government. Students who complete this minor will gain experience in diplomatic history, concepts, theories, methods, protocol and practice.

Minor Requirements

- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- At least 15 hours used in the minor must be earned at UCF within the participating departments.

Prerequisite Courses

- Most courses for this minor will have prerequisites completed as a part of a student's GEP requirement, as general electives, or a student can enroll into courses with consent of instructor.

Degree Requirements

Required Courses

6 Total Credits

- Complete the following:
 - INR4030 - Diplomacy (3)
 - AMH4513 - US Foreign Relations: Close of World War II to the Present (3)

Restricted Electives

12 Total Credits

- Complete all of the following
 - Course substitutions are subject to prior approval by the minor advisor.
 - History
 - Complete at least 2 of the following:
 - AMH4512 - US Foreign Relations from the Founding Era to World War II (3)
 - ASH3223 - The Modern Middle East (3)
 - ASH4404 - Modern China (3)
 - EUH3242 - Modern Europe and the First World War (3)
 - EUH3281 - Second World War and Rebirth of Europe (3)
 - EUH4576 - History of Russia in the 20th Century (3)
 - EUH4576 - History of Russia in the 20th Century (3)
 - EUH4620 - European Great Powers: 1815-1914 (3)
 - EUH4663 - History of Communism in Europe (3)
 - Political Science
 - Complete at least 2 of the following:
 - INR4054 - Global Politics of Energy (3)
 - INR4074 - Immigration Policy (3)
 - INR4075 - Human Rights Policy (3)
 - INR4076 - Global Drug Policy (3)
 - INR4084 - Politics of International Terrorism (3)
 - INR4102 - American Foreign Policy (3)
 - INR4104 - Topics and Cases in American Foreign Policy (3)
 - INR4114 - American Security Policy (3)
 - INR4115 - Strategic Weapons and Arms Control (3)
 - INR4350 - Global Environmental Politics (3)
 - INR4351 - International Environmental Law (3)
 - INR4401 - International Law (3)
 - INR4502 - International Organizations (3)
 - INR4603 - International Relations Theory (3)
 - INR4714 - Politics of International Trade Policy (3)
 - POT4314 - Contemporary Democratic Theory (3)
 - POT4632 - Religion and Politics (3)

Grand Total Credits: **18**

Program Details

Other Requirements

- Internship, independent study, and substitute courses/new courses are allowed at the minor advisor's discretion limited to a maximum of 3 credit hours.

Diversity and Social Inequality Minor

College

College of Sciences

Department

Department of Sociology

Program Type

Minor

Program Contact Information

**College of Sciences
Sociology Department
Howard Phillips Hall (HPH), 403
407-823-3744
sociology@ucf.edu**

Lecturer, Social Science Program Director and Sociology Undergraduate Director: Dr. Michael Armato
407-823-0758
michael.armato@ucf.edu

Admission Requirements

- The minor is not open to sociology majors.
- Courses used to satisfy the Restricted Electives of this minor cannot be used to satisfy other Sociology minors. (Note: The myKnight Audit cannot capture overlapping courses between two or more programs; therefore, students should have their program reviewed by the department before filing for graduation.)

Program Description

The Diversity and Social Inequality Minor examines the social class, status, and power in contemporary global society. The minor facilitates an understanding of social inequalities related to age, gender, race and ethnicity, social class and stratification, sexual orientation, religion, and family. The minor prepares students for careers and graduate school in a variety of fields, including those in non-profit agencies, human resources, and service organizations.

Minor Requirements

- Students must have a minimum GPA of 2.0 in courses used for the minor.
- At least 12 hours used in the minor must be earned at UCF within the Sociology Department.

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Degree Requirements

Required Courses

6 Total Credits

- Complete all of the following
 - Complete the following:
 - SYO3530 - Social Power and Inequality (3)
 - Complete at least 1 of the following:
 - SYG2000 - Introduction to Sociology (3)
 - SYG2010 - Social Problems (3)

Restricted Electives

12 Total Credits

- Complete all of the following
 - Additional courses may be taken as approved.
 - Earn at least 12 credits from the following:
 - SYD3410 - Urban Society (3)
 - SYD3700 - Race and Ethnicity (3)
 - SYD3772 - Race and Social Media (3)
 - SYD3800 - Sex and Gender in Society (3)
 - SYD3805 - Sociology of Sexualities (3)
 - SYD4020 - Birth, Death, and Population Trends (3)
 - SYD4810 - Women in Contemporary Society (3)
 - SYD4813 - Women, Law and Social Change (3)
 - SYD4820 - Men, Masculinities and Society (3)
 - SYG4244 - Food and Society (3)
 - SYO4100 - Family Trends (3)
 - SYO4200 - Religion in Society (3)
 - SYO4250 - Education and Social Achievement (3)
 - SYO4323 - Community and Diversity (3)
 - SYO4424 - Men, Masculinities, and Health (3)
 - SYP3060 - Sociology of Sex and Reproduction (3)
 - SYP4304 - Social Movements and Revolutions (3)
 - SYP4454 - Global Inequality and Society (3)
 - SYP4732 - Minority Aging (3)

Grand Total Credits: **18**

Program Details

Total Undergraduate Credit Hours Required: 18

European Studies Minor

College

College of Sciences

Department

School of Politics, Security, and International Affairs

Program Type

Minor

Program Contact Information

College of Sciences
School of Politics, Security and International Affairs
Howard Phillips Hall (HPH), 302
407-823-2608
politics@ucf.edu

Pegasus Professor & School Director: Dr. Gunes Murat Tezcur
407-823-2040

Admission Requirements

None

Program Description

The European Studies Minor is an interdisciplinary minor that offers students a general background of the politics, history, literature, art, and culture of Europe with an emphasis on the post-World War II period. Courses are to be selected in consultation with a School advisor.

Minor Requirements

- A grade of "C" (2.0) or better is required for all courses counting towards the minor.
- A maximum of 6 hours of Study Abroad credit in equivalent courses can be used, with no more than 3 credits in one area.
- At least 18 hours used in the minor must be taken at UCF.
- At least 15 credits used in the minor must be upper division.
- No more than 6 credit hours (separate from the foreign language requirement) may be used toward the European Studies Minor and also used toward any other major or minor. (Note: The myKnight Audit cannot capture overlapping courses between two or more programs; therefore, students should have their program reviewed by the School before filing for graduation.)
- Students must satisfy each course's prerequisite before enrolling in the class.

Degree Requirements

Required Courses
6 Total Credits

- Complete the following:
 - CPO4101 - Politics of the European Union (3)
 - LIT3082 - Continental European Fiction Since 1900 (3)

Restricted Electives
15 Total Credits

- Complete all of the following
Literature, Film and Culture
 - Complete all of the following
 - Courses offered by the Modern Languages Department might be offered in a language other than English.
 - Earn at least 3 credits from the following:
 - ENL2022 - English Literature II (3)
 - ENL4101 - English Novel (3)
 - ENL4240 - English Romantic Writers (3)
 - ENL4262 - Nineteenth Century British Prose (3)
 - ENL4273 - Modern British Literature (3)
 - FIL3823 - German Film (3)
 - FRE4500 - French Civilization and Culture (3)
 - FRT3562 - French Contemporary Pop Culture (3)
 - FRW4281 - 20th Century French Novels (3)
 - FRW4324 - 20th Century French Drama (3)
 - FRW4532 - French Romanticism (3)
 - FRW4552 - Nineteenth Century French Literature (3)
 - GEW3480 - German Post-War Literature (3)
 - ITT4956 - Study Abroad: Modern and Contemporary Italian Culture (3)

- ITW3101 - Survey of Italian Literature II (3)
- JST3751 - Literature of the Holocaust (3)
- LIT4184 - Irish Literature (3)
- SPW3101 - Survey of Spanish Literature II (3)
- SPW4272 - 20th Century Spanish Novel (3)
- SPW4322 - Contemporary Iberian Theatre (3)
- SPW4272 - 20th Century Spanish Novel (3)
- SPW4372 - Spanish Short Story (3)
- SPW4460 - Nineteenth Century Spanish Literature (3)
- SPW4720 - The Generation of 1898 (3)

History

- Earn at least 6 credits from the following:
 - EUH3235 - Romanticism and Realism (3)
 - EUH3242 - Modern Europe and the First World War (3)
 - EUH3281 - Second World War and Rebirth of Europe (3)
 - EUH3411 - History of the Roman Republic (3)
 - EUH3431 - History of Modern Italy (3)
 - EUH3451 - History of Modern France (3)
 - EUH4284 - Fascism and Nazism in the Interwar Europe (3)
 - EUH4400 - The History of Ancient Greece (3)
 - EUH4413 - History of the Roman Empire (3)
 - EUH4501 - English History: 1485-1815 (3)
 - EUH4502 - British History: 1815-Present (3)
 - EUH4574 - History of Russia: 1801-1917 (3)
 - EUH4576 - History of Russia in the 20th Century (3)
 - EUH4610 - Women in European Society: From Medieval to Modern (3)
 - EUH4620 - European Great Powers: 1815-1914 (3)
 - EUH4663 - History of Communism in Europe (3)
 - JST3701 - History of the Holocaust (3)

Political Science or Economics

- Earn at least 3 credits from the following:
 - CPO3104 - Politics of Western Europe (3)
 - CPO3614 - Politics of Eastern Europe (3)
 - CPO4074 - Political Economy (3)
 - CPO4123 - Government and Politics of Great Britain (3)
 - CPO4643 - Government and Politics of Russia (3)
 - CPO4710 - Women in Comparative Politics (3)
 - CPO4754 - Comparative Political Institutions (3)
 - CPO4784 - Political and Economic Inequality in Comparative Perspective (3)
 - ECO3703 - International Microeconomics (3)
 - ECO4303 - History of Economic Thought (3)
 - INR4035 - International Political Economy (3)
 - INR4063 - The Cold War (3)

Other Areas

- Complete 1 of the following
 - Earn at least 3 credits from the following types of courses:
Any of the above electives, Foreign Language Across the Curriculum (FLAC) courses linked to any of the above electives, or
 - Earn at least 3 credits from the following:
 - ARH4430 - 19th Century Art (3)
 - ARH4450 - 20th Century Art (3)
 - PHH3510 - Marx and Nietzsche (3)
 - PHP3783 - Modernity as a Philosophical Problem (3)
 - PHP3786 - Existentialism (3)
 - PHP4782 - Phenomenology (3)

Grand Total Credits: **21**

Program Details

Foreign Language Requirements

- Two years (four semesters) or equivalent proficiency exam in French, German, Greek, Italian, Portuguese, Russian, or Spanish (other languages require approval of director).

Total Undergraduate Credit Hours Required: 21

Other Requirements

- None

Film (B.A.)

College

College of Sciences

Department

Nicholson School of Communication and Media

Program Type

Major

Program Contact Information

College of Sciences

Nicholson School of Communication and Media

Nicholson School of Communication & Media Building (NSCM), 130

407-823-2681

nassc@ucf.edu

Lecturer & Film Program Coordinator: Tim Ritter

tim.ritter@ucf.edu

Admission Requirements

None

Program Description

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students are required to earn a "C" (2.0) or better in each major course.
- A maximum of 6 hours of internship credit can be used in this major.
- Students must consult with a Nicholson School of Communication and Media (NSCM) advisor each semester.
- Department Residency Requirement consists of at least 36 semester hours of regularly scheduled 3000-4000 level courses taken from the Nicholson School of Communication and Media.
- Courses designated in (General Education Program) and (Common Program Prerequisites) are usually completed in the first 60 hours.

General Education (GEP)

- Complete all of the following
 - GEP 1 & 2- Communication Foundation
 - Complete all courses from the following:
 - GEP 1 & 2- Communication Foundation

- ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
- GEP 3- Communication Foundation
- Complete at least 1 courses from the following:
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - GEP 4- Historical & Cultural Foundation
- Complete all of the following
 - AMH2010 - Preferred
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
- Complete all of the following
 - FIL1000 - Preferred
 - Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - GEP 6- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)

- MUH2017 - Survey of Rock Music (3)
- MUH2019 - American Popular Music, 1840s-present (3)
- MUL2016 - Evolution of Jazz (3)
- MUL2720 - Music of the World (3)
- PHI2010 - Introduction to Philosophy (3)
- REL2300 - World Religions (3)
- THE2000 - Theatre Survey (3)
- MUL2010 - Enjoyment of Music (3)
- GEP 7- Mathematical Foundation
 - Complete all of the following
 - Complete at least 1 of the following:
 - MAC1105C - College Algebra (3)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - Students may substitute a higher level math with appropriate scores on the Math Placement Exam
- GEP 8- Mathematical Foundation
 - Complete at least 1 courses from the following:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)
- GEP 9- Social Foundation
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
- GEP 10- Social Foundation
 - Complete all of the following
 - AMH 2020 - Preferred
 - Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
- GEP 11- Science Foundation
 - Complete at least 1 courses from the following:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
- GEP 12- Science Foundation
 - Complete at least 1 courses from the following:
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)

- GEO1200 - Physical Geography (3)
- GEO2370 - Resources Geography (3)
- GLY1030 - Geology and its Applications (3)
- GLY2038 - Environmental Geoscience (3)
- MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
- MET2104 - The Earth's Climate (3)

Grand Total Credits: **36 - 38**

Common Program Prerequisites (CPP) (If applicable)

- Complete the following:
 - FIL2030 - History of Motion Pictures (3)

Grand Total Credits: **3**

Degree Requirements

Core Requirements: Basic Level
21 Total Credits

- Complete all of the following
 - In addition to completing the required CPP (FIL2030),
 - Complete the following:
 - FIL1007 - Foundations of Story (3)
 - FIL1008 - Cinematic Expression I (3)
 - FIL2107 - Script Analysis (3)
 - FIL2424 - Introduction to Film Production (3)
 - FIL2461C - Cinematography I (3)
 - FIL2534 - Sound Design for Film I (3)
 - FIL2552 - Editing I (3)

Core Requirements: Advanced Level
6 Total Credits

- Complete the following:
 - FIL3401 - Research Methods for Filmmakers (3)
 - FIL3803C - Film Theory and Criticism I (3)

Restricted Electives
33 Total Credits

- Complete all of the following
 - For the following restricted electives section, a maximum of 6 hours independent study and/or internship credit may be used. A list of approved restricted elective courses is found in the myKnight audit.
Cinema Studies
 - Complete all of the following
 - Complete at least 1 of the following:
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - FIL3051 - Avant-Garde Cinema (3)
 - FIL3363C - Film Documentary (3)
 - Earn at least 15 credits from the following:
 - FIL3006 - Art of the Cinema (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - FIL3051 - Avant-Garde Cinema (3)
 - FIL3363C - Film Documentary (3)
 - FIL3831 - Black Cinema (3)
 - FIL3842 - International Cinema (3)
 - FIL3847 - Latin American Cinema (3)
 - FIL3804C - Film Theory and Criticism II (3)
 - FIL3850 - Cinema Directors (3)

- FIL3870C - Music, Natural Sounds and Dialogue in Film (3)
- FIL3871 - The American Film Artist (3)
- FIL4103 - Adaptation (3)
- FIL3880C - Images of Women in Film (3)
- FIL4453C - Special Problems in Film Design (4)
- FIL4830 - Motion Picture Genre (3)
- FIL4906 - Directed Independent Study (1 - 99)
- FIL4934C - Current Problems in Film and Culture (3)
- FIL4941 - Internship (0 - 99)

- FIL3871 and FIL4830 can be repeated for credit. Additional courses may satisfy this requirement. Check with an advisor for details.

Production

- Complete all of the following

- Earn at least 15 credits from the following:

- FIL2480 - Directing Techniques for Film (3)
- FIL2481 - Directing the Actor for Film I (3)
- FIL3102 - Writing for Film and TV (3)
- FIL3115 - Short Script I (3)
- FIL3132 - Short Script II (3)
- FIL3462C - Cinematic Expression II (3)
- FIL4427C - Film Production Workshop (3)
- FIL4439C - Micro-Process Production (3)
- FIL4427C - Film Production Workshop (3)
- FIL4535C - Sound Design for Film II (3)
- FIL4566C - Editing II (3)
- FIL4602 - Film Business (3)
- FIL4615C - Film Marketing and Exhibition (3)
- FIL4647 - Film Production Management (3)
- FIL4661 - The Film Producer (3)
- Course Not Found
- Course Not Found

- FIL4427C and FIL4439C may be repeated for credit. Additional courses may also satisfy this requirement. Check with an advisor for details.

Capstone Requirements

3 Total Credits

- Complete the following:
 - FIL4434C - Capstone I - The Professional Practice (3)

Grand Total Credits: **63**

Program Details

Electives

- To fulfill the 120 hours required in this degree, select primarily from upper level courses within the Nicholson School of Communication and Media after meeting with a school advisor.

Foreign Language Requirements

Graduation

- Proficiency equivalent to two semesters of college instruction in a foreign language (taught by the Department of Modern Languages and Literatures or Judaic Studies) or in American Sign Language (ASL). Standardized examinations for foreign languages may be used. ASL proficiency is met by successful completion of ASL 2140 and ASL 2150 or an appropriate score on the ASL proficiency exam. Contact the Department of Communication Sciences and Disorders (<https://healthprofessions.ucf.edu/csd/>) regarding the ASL proficiency examination. Consult with the NSCM advising staff to understand how choosing ASL might impact hours needed to graduate.

Required Minors

- Must be taken outside the Film Department. **Credits Hours: 18**

Departmental Exit Requirements

- A student must achieve at least a "C" (2.0) GPA in all major requirements.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120 Acceptable Substitutes for Common Program Prerequisites

- FIL1031 or FIL2032 may substitute for FIL2030; however, FIL2030 is a prerequisite for subsequent Film courses and still must be taken.

Honors In Major

- Students interested in completing Honors in the Major should contact their program advisor. More information about Honors in the Major can be found at <http://research.honors.ucf.edu/honors-in-the-major>.

Related Programs

- Art, Visual Arts Management Track (B.A.)
- Music (B.A.)
- Theatre Studies (B.A.)
- Media Production and Management (B.A.)
- English, Creative Writing (B.A.)
- Film (B.F.A.)

- Art History Minor
- Art - Studio Minor
- Digital Media Minor
- English, Creative Writing Minor
- Music Minor
- Philosophy Minor
- Theatre Minor

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeads.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$45 per term
- Full-Time Student: \$90 per term

Film (B.F.A.)

College

College of Sciences

Department

Nicholson School of Communication and Media

Program Type

Major

Program Contact Information

College of Sciences

Nicholson School of Communication and Media

Nicholson School of Communication & Media Building (NSCM), 130

407-823-2681

nassc@ucf.edu

Lecturer & Film Program Coordinator: Tim Ritter

tim.ritter@ucf.edu

Admission Requirements

- The Film BFA major is a limited access program.
- Entrance into most Studio electives is restricted to majors. Exceptions must be approved by the Film Program Coordinator.
- All students in this program must satisfactorily complete the mandatory Portfolio Review before enrolling in upper level FIL BFA courses. Contact the Nicholson School of Communication and Media, or visit <https://communication.ucf.edu/degree/film-bfa/>.
- Students unable to satisfactorily complete Portfolio Review may continue in the Film B.A.

Program Description

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- BFA students are required to achieve a "B" (3.0) or better in the major.
- A maximum of six credit hours of internship may be earned in one semester. A total of six credit hours of internship may be earned within the 120 credit hours required for graduation.
- Students must consult with a Nicholson School of Communication and Media (NSCM) advisor each semester.
- Departmental Residency Requirement consists of at least 42 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF NSCM Film Program.
- Courses designated in (General Education Program) and (Common Program Prerequisites) are usually completed in the first 60 hours.

General Education (GEP)

- Complete all of the following
 - GEP 1 & 2- Communication Foundation
 - Complete all courses from the following:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - Complete at least 1 courses from the following:
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - GEP 4- Historical & Cultural Foundation
 - Complete all of the following
 - FIL1000 - Preferred
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)

- HUM2210 - Studies in Culture: Ancient to 17th Century (3)
- HUM2230 - Studies in Culture: 17th Century to Present (3)
- WOH2012 - World Civilization I (3)
- WOH2022 - World Civilization II (3)

Group 5- Historical & Cultural Foundation

- Complete all of the following
 - AMH 2010 - Preferred
 - Complete at least 1 courses from the following:

GEP 5- Historical & Cultural Foundation

 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)

GEP 6- Historical & Cultural Foundation

- Complete all of the following
 - Choose a course from GEP 4 or GEP 5 (GEP 5 preferred)
 - Complete at least 1 courses from the following:

GEP 4- Historical & Cultural Foundation

 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)

GEP 5- Historical & Cultural Foundation

 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)

GEP 7- Mathematical Foundation

- Complete all of the following
 - MAC1105C -Preferred
 - Complete at least 1 of the following:
 - MAC1105C - College Algebra (3)
 - MGF1107 - Explorations in Mathematics (3)

- MGF1106 - Finite Mathematics (3)
 - Students may substitute a higher level math with appropriate scores on the Math Placement Exam.
- GEP 8- Mathematical Foundation
 - Complete at least 1 courses from the following:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)
- GEP 9- Social Foundation
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
- GEP 10- Social Foundation
 - Complete all of the following
 - AMH 2020 - Preferred
 - Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
- GEP 11- Science Foundation
 - Complete at least 1 courses from the following:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
- GEP 12- Science Foundation
 - Complete at least 1 courses from the following:
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36 - 38**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - In addition to completing the required CPP (FIL2030),
 - Complete the following:
 - FIL2030 - History of Motion Pictures (3)

Grand Total Credits: **3**

Degree Requirements

Core Requirements: Basic Level

21 Total Credits

- Complete the following:
 - FIL1008 - Cinematic Expression I (3)
 - FIL2107 - Script Analysis (3)
 - FIL2552 - Editing I (3)
 - FIL2461C - Cinematography I (3)
 - FIL2424 - Introduction to Film Production (3)
 - FIL2534 - Sound Design for Film I (3)
 - FIL1007 - Foundations of Story (3)

Core Requirements: Advanced Level

6 Total Credits

- Complete the following:
 - FIL3401 - Research Methods for Filmmakers (3)
 - FIL3803C - Film Theory and Criticism I (3)

Restricted Electives

42 Total Credits

- Complete all of the following
 - For the restricted electives, a maximum of 6 hours of independent study and/or internship may be substituted with advisor's prior approval. A list of approved restricted elective courses is found in the myKnight audit.
Cinema Studies
 - Complete all of the following
 - Complete at least 1 of the following:
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - FIL3051 - Avant-Garde Cinema (3)
 - FIL3006 - Art of the Cinema (3)
 - Earn at least 12 credits from the following:
 - FIL3006 - Art of the Cinema (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - FIL3051 - Avant-Garde Cinema (3)
 - FIL3363C - Film Documentary (3)
 - FIL3804C - Film Theory and Criticism II (3)
 - FIL3831 - Black Cinema (3)
 - FIL3842 - International Cinema (3)
 - FIL3847 - Latin American Cinema (3)
 - FIL3850 - Cinema Directors (3)
 - FIL3870C - Music, Natural Sounds and Dialogue in Film (3)
 - FIL3871 - The American Film Artist (3)
 - FIL3880C - Images of Women in Film (3)
 - FIL4103 - Adaptation (3)
 - FIL4453C - Special Problems in Film Design (4)
 - FIL4602 - Film Business (3)
 - FIL4830 - Motion Picture Genre (3)
 - FIL4906 - Directed Independent Study (1 - 99)
 - FIL4934C - Current Problems in Film and Culture (3)

- FIL4941 - Internship (0 - 99)
- FIL3871 and FIL4830 can be repeated for credit.
- Production
 - Complete all of the following
 - Earn at least 15 credits from the following:
 - FIL2480 - Directing Techniques for Film (3)
 - FIL2481 - Directing the Actor for Film I (3)
 - FIL3102 - Writing for Film and TV (3)
 - FIL3115 - Short Script I (3)
 - FIL3132 - Short Script II (3)
 - FIL3462C - Cinematic Expression II (3)
 - FIL3483 - Directing the Actor for Film II (3)
 - FIL4427C - Film Production Workshop (3)
 - FIL4436 - Film Theory/Film Production (3)
 - FIL4439C - Micro-Process Production (3)
 - FIL4451 - Design for Film (3)
 - FIL4472C - Cinematography II (3)
 - FIL4535C - Sound Design for Film II (3)
 - FIL4566C - Editing II (3)
 - FIL4602 - Film Business (3)
 - FIL4615C - Film Marketing and Exhibition (3)
 - FIL4647 - Film Production Management (3)
 - FIL4661 - The Film Producer (3)
 - FIL4906 - Directed Independent Study (1 - 99)
 - FIL4941 - Internship (0 - 99)
 - FIL4427C, FIL4436, and FIL4439C can be repeated for credit. Additional courses may satisfy this requirement. Check with an advisor for details.
- Studio Concentration
 - Complete all of the following
 - Studio electives are repeatable.
 - Complete at least 2 of the following:
 - FIL4162C - Feature/TV Writing I (3)
 - FIL4301C - Documentary Production I (3)
 - FIL4428C - Narrative Production I (3)
 - FIL4876C - Experimental Cinema I (3)
 - Complete at least 2 of the following:
 - FIL4163C - Feature/TV Writing II (3)
 - FIL4302C - Documentary Production II (3)
 - FIL4437C - Narrative Production II (3)
 - FIL4877C - Experimental Cinema II (3)

Capstone & Signature Experience Requirements

6 Total Credits

- Complete the following:
 - FIL4434C - Capstone I - The Professional Practice (3)
 - FIL4573C - Capstone II - Exhibition and Seminar (3)

Grand Total Credits: **75**

Program Details

Electives

- To fulfill the 120 hours required in this degree, select primarily from upper level courses, with departmental advisor's approval. May be outside of the department.

Foreign Language Requirements

Graduation

- Proficiency equivalent to two semesters of college instruction in a foreign language (taught by the Department of Modern Languages and Literatures or Judaic Studies) or in American Sign Language (ASL). Standardized examinations for foreign languages may be used. ASL proficiency is met by successful

completion of ASL 2140 and ASL 2150 or an appropriate score on the ASL proficiency exam. Contact the Department of Communication Sciences and Disorders (<https://healthprofessions.ucf.edu/csd/>) regarding the ASL proficiency examination. Consult with the NSCM advising staff to understand how choosing ASL might impact hours needed to graduate.

Departmental Exit Requirements

- A student must achieve at least a "B" (3.0) or better in the major.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120 Honors In Major

- Students interested in completing Honors in the Major should contact their program advisor. More information about Honors in the Major can be found at <http://research.honors.ucf.edu/honors-in-the-major>.

Related Programs

- Art, Studio Track (B.A.)
- Digital Media (B.A.)
- English, Creative Writing (B.A.)
- Film (B.A.)
- Media Production and Management (B.A.)
- Music (B.A.)
- Theatre Studies (B.A.)

- Art - Studio Minor
- Digital Media Minor
- English, Creative Writing Minor
- Film, Cinema Studies Minor
- Music Minor
- Theatre Minor

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$45 per term
- Full-Time Student: \$90 per term

Film, Cinema Studies Minor

College

College of Sciences

Department

Nicholson School of Communication and Media

Program Type

Minor

Program Contact Information

College of Sciences

Nicholson School of Communication and Media

Nicholson School of Communication & Media Building (NSCM), 130

Nicholson Academic Student Services Center (NASSC)

407-823-2681

nassc@ucf.edu

Admission Requirements

None.

Program Description

Minor Requirements

- None

Prerequisite Courses

- None

Degree Requirements

Required Courses

6 Total Credits

- Complete the following:
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)

Restricted Electives

12 Total Credits

- Earn at least 12 credits from the following:
 - FIL1007 - Foundations of Story (3)
 - FIL1008 - Cinematic Expression I (3)
 - FIL3006 - Art of the Cinema (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - FIL3051 - Avant-Garde Cinema (3)
 - FIL3072C - Cinema in the 1940s and 1950s (3)
 - FIL3073C - Cinema in the 1960s and 1970s (3)
 - FIL3074C - Cinema 1980s to the Present (3)
 - FIL3304C - Documentary Vision (3)
 - FIL3307 - Docudrama (3)
 - FIL3363C - Film Documentary (3)
 - FIL3462C - Cinematic Expression II (3)
 - FIL3401 - Research Methods for Filmmakers (3)
 - FIL3831 - Black Cinema (3)
 - FIL3842 - International Cinema (3)
 - FIL3845 - World Cinema Traditions (3)
 - FIL3847 - Latin American Cinema (3)
 - FIL3850 - Cinema Directors (3)
 - FIL3871 - The American Film Artist (3)
 - FIL3880C - Images of Women in Film (3)
 - FIL4057C - Hollywood Cinema (3)
 - FIL4830 - Motion Picture Genre (3)
 - FIL4647 - Film Production Management (3)

Grand Total Credits: **18**

Program Details

Total Undergraduate Credit Hours Required: 18

Other Requirements

- A grade of "C" (2.0) or better is required in all courses used to satisfy the minor.
- At least 12 hours must be earned at UCF within the department.
- No credit exam (TSD, Military credit) may be used.
- Internship, Co-op, Independent Study credit cannot be used toward the minor.

Forensic Science, Biochemistry Track (B.S.)

College

College of Sciences

Department

Department of Chemistry

Program Type

Major

Program Contact Information

College of Sciences
Department of Chemistry
Physical Sciences Building (PSB), 255
chemstaff@ucf.edu

Undergraduate Coordinator for Forensic Science: Dr. Tamra Legron-Rodriguez
407-823-1167
tamra.legron-rodriguez@ucf.edu

Admission Requirements

None

Program Description

Students completing the Forensic Science - Biochemistry Track B.S. degree will also meet the requirements for ACS certification. This track is designed to align students with specific courses necessary for the examination of DNA and other biochemical evidence. Students should be advised that background checks similar to those required for law enforcement officers are likely to be a condition of employment (Reference: NIJ Report NCJ 203099).

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Departmental Residency Requirement consists of at least 30 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF Department of Chemistry.
- Prior to enrolling in Chemistry and Math, you must take the Chemistry Placement Test and Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
- Co-op credit cannot be used in this major.
- Students should consult with a departmental advisor.
- Students must earn a "C" (2.0) or higher in each course and have a minimum 2.5 cumulative GPA in all courses in Common Program Prerequisites, Core Requirements: Basic Level, Core Requirements: Advanced Level, and Restricted Electives.
- All prerequisites of courses taught within the College of Sciences will be enforced.
- Courses designated in Common Program Prerequisites are usually completed in the first 60 hours.

General Education (GEP)

GEP Note

0 Total Credits

- Complete all of the following
 - At least one course completed in each Foundation area must be a designated State General Education Core Course. See the catalog GEP description for more information.
 - Certain courses must be selected for this degree that will bring the total hours of the GEP to more than 36.

Communication Foundation

9 Total Credits

- Complete all of the following
 - GEP 1 & 2- Communication Foundation
 - Complete all courses from the following:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - Complete all of the following
 - SPC1603C - Preferred

- Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

Historical & Cultural Foundation
9 Total Credits

- Complete all of the following
 - GEP 4- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - GEP 6- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)

- MUL2016 - Evolution of Jazz (3)
- MUL2720 - Music of the World (3)
- PHI2010 - Introduction to Philosophy (3)
- REL2300 - World Religions (3)
- THE2000 - Theatre Survey (3)
- MUL2010 - Enjoyment of Music (3)

Mathematical Foundation

7 Total Credits

- Complete all of the following
 - GEP 7- Mathematical Foundation
 - Complete all of the following
 - Prior to enrolling in any MAC course, take the Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
 - Complete the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - GEP 8- Mathematical Foundation
 - Complete the following:
 - STA2023 - Statistical Methods I (3)

Social Foundation

6 Total Credits

- Complete all of the following
 - GEP 9- Social Foundation
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundation

8 Total Credits

- Complete all of the following
 - GEP 11- Science Foundation
 - Complete the following:
 - BSC2010C - Biology I (4)
 - GEP 12- Science Foundation
 - Earn at least 4 credits from the following course sets:
 - PHY 2048C
 - PHY2048C - General Physics Using Calculus I Studio (4)
 - PHY 2048 and 2048L
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2048L - General Physics Using Calculus I Laboratory (1)

Grand Total Credits: **39**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - In addition to completing all of the required GEP (BSC2010C, MAC2311C, STA2023, and PHY2048C (or PHY2048 and PHY2048L)),
 - Prior to enrolling in any MAC course, take the Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
 - Complete the following:
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHM2046 - Chemistry Fundamentals II (3)
 - CHM2046L - Chemistry Fundamentals Laboratory (1)
 - CHM2210 - Organic Chemistry I (3)
 - CHM2211 - Organic Chemistry II (3)
 - CHM2211L - Organic Laboratory Techniques I (2)
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - Earn at least 4 credits from the following course sets:
PHY 2049C
 - PHY2049C - General Physics Using Calculus II Studio (4)
PHY 2049 and 2049L
 - PHY2049 - General Physics Using Calculus II (3)
 - PHY2049L - General Physics Using Calculus II Laboratory (1)

Grand Total Credits: **24**

Degree Requirements

Core Requirements: Basic Level
12 Total Credits

- Complete all of the following
 - In addition to completing all of the required GEP and CPP courses,
 - Complete the following:
 - BSC2011C - Biology II (4)
 - CHM3120 - Analytical Chemistry (3)
 - CHM3120L - Analytical Chemistry Laboratory (1)
 - PCB3063 - Genetics (3)
 - PCB3063L - Genetics Laboratory (1)

Core Requirements: Advanced Level
44 Total Credits

- Complete all of the following
 - Forensic Science Core
 - Complete the following:
 - BCH4053 - Biochemistry I (3)
 - CHM3422 - Applied Physical Chemistry (3)
 - CHS3501 - Introduction to Forensic Science (3)
 - CHS3505C - Forensic Microscopy (4)
 - CHS3511C - Trace Evidence (4)
 - CHS3530C - Forensic Analysis of Controlled Substances (4)
 - CHS3533 - Forensic Biochemistry I (2)
 - CHS3595 - Forensic Science in the Courtroom (3)
 - CHS4515C - Forensic Crime Scene Investigation (3)
 - CHS4537 - Forensic Laboratory Quality Assurance and Professional Practice (3)
 - Forensic Biochemistry Track
 - Complete the following:
 - CHS3533L - Forensic Biochemistry I Laboratory (1)
 - CHS4534C - Forensic Biochemistry II (3)
 - MCB3020C - General Microbiology (5)
 - PCB3522 - Molecular Biology I (3)

Restricted Electives
2 Total Credits

- Complete all of the following
 - Earn at least 2 credits from the following:
 - ANT4521 - Forensic Anthropology (3)
 - BCH4054 - Biochemistry II (3)
 - BSC3403C - Quantitative Biological Methods (4)
 - CHM3215L - Organic Laboratory Techniques II (2)
 - CHM4130 - Advanced Analytical Laboratory Technique (3)
 - CHM4130L - Advanced Analytical Chemistry Laboratory (2)
 - CHM4220 - Organic Chemistry III (3)
 - CHM4223 - Advanced Organic Chemistry (3)
 - CHM4230 - Applied Molecular Spectroscopy (3)
 - CHM4427 - Electrochemistry (3)
 - CHM4912 - Directed Independent Research (0 - 99)
 - CHS4615 - Environmental Chemistry (3)
 - CHS5504 - Topics in Forensic Science (3)
 - DSC4012 - Terrorism (3)
 - PCB3233 - Immunology (3)
 - PCB3233L - Immunology Laboratory (1)
 - PCB4524 - Molecular Biology II (3)
 - PCB4684 - Population Genetics (3)
 - STA4163 - Statistical Methods II (3)
 - ZOO3733C - Human Anatomy (4)
 - CCJ3014 - Crime in America (3)
 - CCJ3024 - Criminal Justice System (3)
 - CJE4012 - Criminal Profiling in Criminal Justice (3)
 - CJE4610 - Criminal Investigation (3)
 - A minimum of two hours are required but more hours may be taken. An alternate course may be taken as approved by the Forensic Science Program Advisor.
 - Only one of the following courses may be taken for credit toward this degree: CCJ3014, CCJ3024, CJE4012, CJE4610

Capstone Requirements

3 Total Credits

- Complete the following:
 - CHS4591 - Forensic Science Internship (3)

Grand Total Credits: **61**

Program Details

Total Undergraduate Credit Hours Required: 124

Foreign Language Requirements

Graduation

- None

Departmental Exit Requirements

- Students must earn a "C" (2.0) or higher in each course and have a minimum 2.5 cumulative GPA in all courses in Common Program Prerequisites, Core Requirements: Basic Level, Core Requirements: Advanced Level, and Restricted Electives.
- All attempts of courses taken that could meet major requirements are included in the GPA calculation.
- Additional courses that could meet requirements but are taken beyond the minimum required (e.g., additional restricted electives) and a "C" (2.0) or better is earned are also included in both GPA calculations.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits

permitted.

- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Honors In Major

- Application and admissions through The Burnett Honors College and department. More information about Honors in the Major can be found at <https://honors.ucf.edu/research/>.

Related Programs

- Forensic Science, Chemistry Track (B.S.)
- Chemistry (B.S.)
- Biomedical Sciences (B.S.)

- Chemistry Minor
- Biomedical Sciences Minor

Advising Notes

- Students should consult with a departmental advisor.
- Contact your college advisor in the College of Sciences Advising Services (COSAS) office (CSB 250) for more information about overall progress toward your degree, GEP and other university requirements, academic probation, special problems as well as general academic advising.

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.
- Submit your requests for course evaluations at <https://sciences.ucf.edu/cosas/> and click on "COS Course Evaluation"..
- Acceptable Substitutes for Transfer Courses
 - CHM 2045C: may use CHM 2040 plus CHM 2041.
 - Calculus: Although other math classes may satisfy the CPP, the specified courses are required in the major and still must be taken.
 - Physics: Although other courses may satisfy Organic Chemistry in the CPP, all the specified courses are required in the major and must be taken.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$45 per term
- Full-Time Student: \$90 per term

Forensic Science, Chemistry Track (B.S.)

College

College of Sciences

Department

Department of Chemistry

Program Type

Major

Program Contact Information

**College of Sciences
Department of Chemistry
Physical Sciences Building (PSB), 255
chemstaff@ucf.edu**

Undergraduate Coordinator for Forensic Science: Dr. Tamra Legron-Rodriguez
407-823-1167
tamra.legron-rodriguez@ucf.edu

Admission Requirements

None

Program Description

Students completing the Forensic Science - Chemistry Track B.S. degree will also meet the requirements for ACS certification. This track is designed to allow students the flexibility to prepare for multiple careers in forensics through selection of restricted elective courses. Students should be advised that background checks similar to those required for law enforcement officers are likely to be a condition of employment (Reference: NIJ Report NCJ 203099).

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Departmental Residency Requirement consists of at least 30 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF Department of Chemistry.
- Prior to enrolling in Chemistry and Math, you must take the Chemistry Placement Test and Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
- Co-op credit cannot be used in this major.
- Students should consult with a departmental advisor.
- Students must earn a "C" (2.0) or higher in each course and have a minimum 2.5 cumulative GPA in all courses in Common Program Prerequisites, Core Requirements: Basic Level, Core Requirements: Advanced Level, and Restricted Electives.
- All prerequisites of courses taught within the College of Sciences will be enforced.
- Courses designated in Common Program Prerequisites are usually completed in the first 60 hours.

General Education (GEP)

GEP Note
0 Total Credits

- Complete all of the following
 - At least one course completed in each Foundation area must be a designated State General Education Core Course. See the catalog GEP description for more information.
 - Certain courses must be selected for this degree that will bring the total hours of the GEP to more than 36.

Communication Foundation
9 Total Credits

- Complete all of the following
 - GEP 1 & 2- Communication Foundation
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - Complete all of the following
 - SPC1603 - Preferred
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)

■ SPC1608 - Fundamentals of Oral Communication (3)

Historical & Cultural Foundation

9 Total Credits

- Complete all of the following
 - GEP 4- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - GEP 6- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)

- THE2000 - Theatre Survey (3)
- MUL2010 - Enjoyment of Music (3)

Mathematical Foundation

7 Total Credits

- Complete all of the following
 - GEP 7- Mathematical Foundation
 - Complete all of the following
 - Prior to enrolling in any MAC course, take the Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
 - Complete the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - GEP 8- Mathematical Foundation
 - Complete the following:
 - STA2023 - Statistical Methods I (3)

Social Foundation

6 Total Credits

- Complete all of the following
 - GEP 9- Social Foundation
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundation

8 Total Credits

- Complete all of the following
 - GEP 11- Science Foundation
 - Complete the following:
 - BSC2010C - Biology I (4)
 - GEP 12- Science Foundation
 - Earn at least 4 credits from the following course sets:
 - PHY 2048C
 - PHY2048C - General Physics Using Calculus I Studio (4)
 - PHY 2048 and 2048L
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2048L - General Physics Using Calculus I Laboratory (1)

Grand Total Credits: **39**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - In addition to completing all of the required GEP (BSC2010C, MAC2311C, STA2023, and PHY2048C (or PHY2048 and PHY2048L),
 - Prior to enrolling into CHM2045C, take the Chemistry Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
 - Complete the following:
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHM2046 - Chemistry Fundamentals II (3)
 - CHM2046L - Chemistry Fundamentals Laboratory (1)
 - CHM2210 - Organic Chemistry I (3)
 - CHM2211 - Organic Chemistry II (3)
 - CHM2211L - Organic Laboratory Techniques I (2)
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - Earn at least 4 credits from the following course sets:
 - PHY 2049C
 - PHY2049C - General Physics Using Calculus II Studio (4)
 - PHY 2049 and 2049L
 - PHY2049 - General Physics Using Calculus II (3)
 - PHY2049L - General Physics Using Calculus II Laboratory (1)

Grand Total Credits: **24**

Degree Requirements

Core Requirements: Basic Level
12 Total Credits

- Complete all of the following
 - All courses specifically identified in the preceding General Education and Common Program Prerequisites sections meet the Basic Core requirement - GEP: BSC2010C, MAC2311C, PHY2048C (or PHY2048 & PHY2048L), STA2023; CPP: CHM2046, CHM2046L, CHM2210, CHM2211, CHM2211L, MAC2312, PHY2049C (or PHY2049 & PHY2049L).
 - Complete the following:
 - BSC2011C - Biology II (4)
 - CHM3120 - Analytical Chemistry (3)
 - CHM3120L - Analytical Chemistry Laboratory (1)
 - PCB3063 - Genetics (3)
 - PCB3063L - Genetics Laboratory (1)

Core Requirements: Advanced Level
37 Total Credits

- Complete all of the following
 - Forensic Science Core
 - Complete the following:
 - BCH4053 - Biochemistry I (3)
 - CHM3422 - Applied Physical Chemistry (3)
 - CHS3501 - Introduction to Forensic Science (3)
 - CHS3505C - Forensic Microscopy (4)
 - CHS3511C - Trace Evidence (4)
 - CHS3530C - Forensic Analysis of Controlled Substances (4)
 - CHS3533 - Forensic Biochemistry I (2)
 - CHS3595 - Forensic Science in the Courtroom (3)
 - CHS4515C - Forensic Crime Scene Investigation (3)
 - CHS4537 - Forensic Laboratory Quality Assurance and Professional Practice (3)
 - Forensic Chemistry Track
 - Complete the following:
 - CHM4130 - Advanced Analytical Laboratory Technique (3)
 - CHM4130L - Advanced Analytical Chemistry Laboratory (2)

Restricted Electives
9 Total Credits

- Earn at least 9 credits from the following types of courses:
Select from the courses listed below or an alternate course as approved by the Forensic Science Program Advisor. More than nine credits may be taken. ANT 4521 - Forensic Anthropology Credit Hours: 3 BCH 4054 - Biochemistry II Credit Hours: 3 CHM 3215L - Organic Laboratory Techniques II Credit Hours: 2 CHM 4220 - Organic Chemistry III Credit Hours: 3 CHM 4223 - Advanced Organic Chemistry Credit Hours: 3 CHM 4230 - Applied Molecular Spectroscopy Credit Hours: 3 CHM 4427 - Electrochemistry Credit Hours: 3 CHM 4912 - Directed Independent Research Credit Hours: 3 CHS 3533L - Forensic Biochemistry I Laboratory Credit Hours: 1 CHS 4534C - Forensic Biochemistry II Credit Hours: 3 CHS 4615 - Environmental Chemistry Credit Hours: 3 CHS 5504 - Topics in Forensic Science Credit Hours: 3 DSC 4012 - Terrorism Credit Hours: 3 PCB 3233 - Immunology Credit Hours: 3 PCB 3233L - Immunology Laboratory Credit Hours: 1 PCB 4684 - Population Genetics Credit Hours: 3 STA 4163 - Statistical Methods II Credit Hours: 3 ZOO 3733C - Human Anatomy Credit Hours: 4 Students may choose one of the following: CCJ 3014 - Crime in America Credit Hours: 3 CCJ 3024 - Criminal Justice System Credit Hours: 3 CJE 4012 - Criminal Profiling in Criminal Justice Credit Hours: 3 CJE 4610 - Criminal Investigation Credit Hours: 3

Capstone Requirement
3 Total Credits

- Complete the following:
 - CHS4591 - Forensic Science Internship (3)

Grand Total Credits: **61**

Program Details

Total Undergraduate Credit Hours Required: 124

Foreign Language Requirements

Graduation

- None

Departmental Exit Requirements

- Students must earn a "C" (2.0) or higher in each course and have a minimum 2.5 cumulative GPA in all courses in Common Program Prerequisites, Core Requirements: Basic Level, Core Requirements: Advanced Level, and Restricted Electives.
- All attempts of courses taken that could meet major requirements are included in the GPA calculation.
- Additional courses that could meet requirements but are taken beyond the minimum required (e.g., additional restricted electives) and a "C" (2.0) or better is earned are also included in both GPA calculations.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Honors In Major

- Application and admissions through The Burnett Honors College and department. More information about Honors in the Major can be found at honors.ucf.edu/research.

Related Programs

- Chemistry (B.S.)
- Forensic Science, Biochemistry Track (B.S.)
- Behavioral Forensics Certificate
- Crime Scene Investigation Certificate
- Chemistry Minor

Advising Notes

- Students should consult with a departmental advisor.
- Contact your college advisor in the College of Sciences Advising Services (COSAS) office (CSB 250) for more information about overall progress toward your degree, GEP and other university requirements, academic probation, special problems as well as general academic advising.

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.
- Submit your requests for course evaluations at <https://sciences.ucf.edu> and click on "COS Course Evaluation".

Acceptable Substitutes for Transfer Courses

- CHM 2045C: may use CHM X040 plus CHM X041.
- Calculus: Although other math classes may satisfy the CPP, the specified courses are required in the major and still must be taken.
- Physics: Although other courses may satisfy Organic Chemistry in the CPP, all the specified courses are required in the major and must be taken.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oegas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$45 per term
- Full-Time Student: \$90 per term

Geosciences Minor

College

College of Sciences

Department

Department of Physics

Program Type

Minor

Program Contact Information

College of Sciences

Department of Physics

Physical Sciences Building (PSB), 403

407-823-2325

physics@ucf.edu

Associate Professor: Dr. Joseph Donoghue

407-823-2325

joseph.donoghue@ucf.edu

Admission Requirements

None

Program Description

The Minor in Geosciences develops a student's understanding of Earth's natural processes and the interaction of these processes with related social and political factors. The minor provides a basis in the fundamentals of the earth sciences for students interested in career in fields that directly or indirectly involve the earth or environmental sciences.

Minor Requirements

- A grade of "C" or above (2.0) is required in each course used to satisfy the minor.
- At least 12 hours used in the minor must be earned at UCF.
- At least 9 hours of coursework for the minor must be at the 3000 level or above.

Prerequisite Courses

- Note: it is the student's responsibility to ensure that prerequisite courses have been completed before enrolling in any of these courses requiring a prerequisite.

Degree Requirements

Required Courses

9 Total Credits

- Complete all of the following
 - Complete at least 1 of the following:
 - ANT4852 - GIS Methods in Anthropology (3)
 - GIS3043C - GIS for Environmental Studies (3)
 - Equivalent approved course with similar content on geographic information systems or additional courses may be taken as approved.
 - Complete at least 2 of the following:
 - GEO1200 - Physical Geography (3)
 - GEO3471 - World Political Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MET2104 - The Earth's Climate (3)
 - OCE3008 - Oceanography (3)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)

Restricted Electives

9 Total Credits

- Complete all of the following
 - At least two of the following courses which are not used above:
 - Complete at least 2 of the following:
 - AST4152 - Planetary Geophysics (3)
 - BSC4861L - Urban Ecological Field Studies (3)
 - CHS4615 - Environmental Chemistry (3)
 - CWR4124 - Hydrogeology (3)
 - CWR4124 - Hydrogeology (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - GLY4730 - Marine Geology (3)
 - GLY4734 - Coastal Processes (3)
 - MET2104 - The Earth's Climate (3)
 - OCE3008 - Oceanography (3)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - At least one of the following courses which are not used above:
 - Complete at least 1 of the following:
 - ANT4051 - Environmental Anthropology (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GEO3471 - World Political Geography (3)
 - Additional courses can be taken as approved.

Grand Total Credits: **18**

Program Details

Total Semester Hours Required: 18

Other Requirements

- Internship, co-op, or independent study are allowed with advisor approval.

Global Peace and Security Studies Minor

College

College of Sciences

Department

School of Politics, Security, and International Affairs

Program Type

Minor

Program Contact Information

College of Sciences

School of Politics, Security, and Intl Affairs

Howard Phillips Hall (HPH), 302

407-823-2608

politics@ucf.edu

College of Arts and Humanities

Department of History

Trevor Colbourn Hall (TCH), 319

407-823-2225

history@ucf.edu

Associate Lecturer: Dr. Paul Vasquez

407-823-2608

Politics@ucf.edu

Department Chair, Associate Professor: Dr. Peter Larson

407-823-2225

History@ucf.edu

Admission Requirements

None.

Program Description

In the face of some of the most complicated international peace and security challenges and opportunities that the global community has ever encountered, the ability to understand the factors that contribute to conflict and conflict resolution is vitally important. Students who complete this minor will gain experience in the history of war and society, U.S. and international security policy, and causes of war.

Minor Requirements

- A minimum GPA of 2.0 is required in all courses used to satisfy the minor
- At least 15 hours used in the minor must be earned at UCF within participating departments

Prerequisite Courses

- Students must satisfy each course's prerequisite before enrolling in the class

Degree Requirements

Required Courses

6 Total Credits

- Complete the following:
 - EUH3651 - War and Society (3)
 - INR4060 - Causes of War (3)

Restricted Electives

12 Total Credits

- Complete all of the following
 - Course substitutions are subject to prior approval by the Minor director.
 - History
 - Complete at least 2 of the following:
 - AMH3547 - U.S. Military History Since 1900 (3)
 - AMH4513 - US Foreign Relations: Close of World War II to the Present (3)
 - ASH3223 - The Modern Middle East (3)
 - ASH4243 - History of Iraq (3)
 - ASH4404 - Modern China (3)
 - EUH3242 - Modern Europe and the First World War (3)
 - EUH3281 - Second World War and Rebirth of Europe (3)
 - EUH3651 - War and Society (3)
 - EUH4284 - Fascism and Nazism in the Interwar Europe (3)
 - EUH4663 - History of Communism in Europe (3)
 - LAH4780 - Poverty and Development in Latin America (3)
 - WOH4208 - History of the Global Drug Trade (3)
 - Political Science
 - Complete at least 2 of the following:
 - CPO3057 - Contemporary Revolution and Political Violence (3)
 - CPO3403 - Politics of the Middle East (3)
 - CPO4400 - Kurdish Politics: Identity, Violence, and Democracy (3)
 - CPO4784 - Political and Economic Inequality in Comparative Perspective (3)
 - DSC4012 - Terrorism (3)
 - INR3253 - International Politics of Africa (3)
 - INR4008 - Global Perspectives (3)
 - INR4011 - Politics of Globalization (3)
 - INR4030 - Diplomacy (3)
 - INR4054 - Global Politics of Energy (3)
 - INR4060 - Causes of War (3)
 - INR4063 - The Cold War (3)
 - INR4075 - Human Rights Policy (3)
 - INR4076 - Global Drug Policy (3)
 - INR4084 - Politics of International Terrorism (3)
 - INR4102 - American Foreign Policy (3)
 - INR4104 - Topics and Cases in American Foreign Policy (3)
 - INR4114 - American Security Policy (3)
 - INR4115 - Strategic Weapons and Arms Control (3)
 - INR4224 - Contemporary International Politics of Asia (3)
 - INR4225 - The Vietnam War (3)
 - INR4243 - International Politics of Latin America (3)
 - INR4274 - International Politics of the Middle East (3)
 - INR4304 - Issues in International Public Policy (3)
 - INR4335 - Coercion in International Politics (3)
 - INR4363 - Intelligence Analysis and Reporting (3)
 - POS4407 - The Intelligence Community (3)
 - INR4502 - International Organizations (3)
 - INR4743 - Military Power and Effectiveness (3)
 - INR4744 - Militaries in World Politics (3)
 - INR4764 - Cyberwarfare Policy (3)

Grand Total Credits: **18**

Program Details

Total Undergraduate Credit Hours Required: 18

Other Requirements

- Internship, Independent Study, and substitute courses/new courses are allowed at the minor advisor's discretion and limited to a maximum of 3 credit hours.

Global Sociology Minor

College

College of Sciences

Department

Department of Sociology

Program Type

Minor

Program Contact Information

College of Sciences
Sociology Department
Howard Phillips Hall (HPH) 403
sociology@ucf.edu

Lecturer, Social Science Program Director and Sociology Undergraduate Director: Dr. Michael Armato
407-823-0758
michael.armato@ucf.edu

Admission Requirements

- The minor is not open to Sociology majors.

Program Description

The Global Sociology Minor focuses on social problems from a global perspective. The minor facilitates an understanding of international social problems and prepares students for careers and graduate school in related fields. Students will take half the required courses in the United States and the other half abroad.

Minor Requirements

- Complete 9 hours of Sociology courses through study abroad.
- Take one course of independent study during study abroad semester.
- Take one restricted elective course. Contact Dr. Michael Armato for information on Restricted Elective options for the Global Sociology Minor.
- Students must earn a minimum GPA of at least 2.0 in courses used for the minor.

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Degree Requirements

Required Courses

13 Total Credits

- Complete all of the following
 - Complete at least 1 of the following:
 - SYG2000 - Introduction to Sociology (3)
 - SYG2010 - Social Problems (3)
 - Earn at least 10 credits from the following types of courses:
Nine (9) credit hours of Study Abroad (Sociology or other relevant discipline) and one (1) credit hour of SYA3905 - Directed Independent Study completed while abroad.

Restricted Electives

3 Total Credits

- Complete all of the following
 - Additional courses can be taken as approved.
 - Complete at least 1 of the following:
 - ANT3701 - Engagement & Social Change: Public Anthropology (3)
 - ANT4702 - Culture, Inequality and Global Development (3)
 - INR2002 - International Relations-Theory and Practice (3)
 - INR3016 - Global Political Issues (3)
 - INR4008 - Global Perspectives (3)
 - INR4011 - Politics of Globalization (3)
 - INR4035 - International Political Economy (3)
 - INR4054 - Global Politics of Energy (3)
 - SOW3284 - Social Work Perspectives on Social Justice (3)
 - SYA4650C - Community Action and Involvement (3)
 - SYD3410 - Urban Society (3)
 - SYO4132 - Global Family Trends (3)
 - SYO4323 - Community and Diversity (3)
 - SYP3400 - Social Change (3)
 - SYP4004 - Constructing Social Issues (3)
 - SYP4454 - Global Inequality and Society (3)

Grand Total Credits: **16**

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 16

Other Requirements

- None

Health Communication Certificate

College

College of Sciences

Department

Nicholson School of Communication and Media

Program Type

Certificate

Program Contact Information

**College of Sciences
Nicholson School of Communication and Media
UnionWest at Creative Village (UWCV), 200**

Nicholson Academic Student Services Center (NASSC)

407-823-2681

nassc@ucf.edu

Program Description

The Certificate in Health Communication has a dual focus: 1) it is designed to provide students in health-related fields training in facilitating health communication processes; and 2) it allows communication students to demonstrate that they have conceptual and applied knowledge about the role of communication in health care.

Admission Requirements

- None

Certificate Requirements

- Certificates will be awarded only at the time of degree completion.

Prerequisite Courses

- Most courses for this certificate will have prerequisites completed as a part of a student's GEP requirement, as general electives, or a student can enroll into courses with consent of instructor.

Degree Requirements

Required Courses

12 Total Credits

- Complete all of the following
 - Complete the following:
 - COM4022 - Principles of Health Communication (3)
 - COM4550 - Public Communication Campaigns (3)
 - COM4221 - Health Literacy (3)
 - Complete at least 1 of the following:
 - PUR4000 - Public Relations (3)
 - MMC2004 - Mass Media (3)

Restricted Electives

3 Total Credits

- Complete all of the following
 - Additional restricted electives can be taken as approved by an advisor.
 - Complete at least 1 of the following:
 - ANT4408 - Culture, Disease, and Healing (3)
 - ANT4462 - Medical Anthropology (3)
 - COM3330 - Computer Mediated Communication (3)
 - COM4120 - Organizational Communication (3)
 - HSA3012 - Issues & Trends in Public Health (3)
 - HSA3111 - U.S. Health Care Systems (3)
 - HSC4201 - Community Health (3)
 - RTV4403 - Electronic Media, Technology, and Society (3)
 - SPC4540 - Persuasion and Communication (3)

Grand Total Credits: **15**

Program Details

Total Undergraduate Credit Hours Required: 15

Other Requirements

- No more than three credit hours from the Health Communication Certificate may be used to satisfy internal restricted electives of the Human Communication major. (Note: The myKnight Audit cannot capture overlapping courses between two or more programs; therefore, students should have their program reviewed by the School before filing for graduation.)
- Communication majors must take their elective outside of NSCM.

Hispanic/Latino Media Certificate

College

College of Sciences

Department

Nicholson School of Communication and Media

Program Type

Certificate

Program Description

College of Sciences

Nicholson School of Communication and Media

Nicholson School of Communication & Media Building (NSCM), 238

Nicholson Academic Student Services Center (NASSC)

407-823-2681

nassc@ucf.edu

The Certificate in Hispanic/Latino Media has a dual focus: 1) it is designed to provide students in media-related fields training in how to serve diverse audiences; and 2) it allows non-communication students to demonstrate that they have conceptual and applied knowledge about the role of Hispanic/Latino media and how it impacts a growing multicultural environment.

Admission Requirements

- None

Certificate Requirements

- Certificates will be awarded only at the time of degree completion.

Prerequisite Courses

- Most courses for this certificate will have prerequisites completed as a part of a student's GEP requirement, as general electives, or a student can enroll into courses with consent of instructor.

Program Details

Required Course (3 Credit Hours)

- MMC 4303 - Hispanics in Media in the US **Credit Hours: 3**

Restricted Electives

Choose an area of specialization:

Speciality 1: Latin American and U.S. Hispanic Culture & Media

Speciality 2: Spanish Language Media

Speciality 1: Latin American and U.S. Hispanic Culture & Media

Required Communication Courses: (6 Credit Hours)

- MMC 4300 - International Media **Credit Hours: 3**
- MMC 4602 - Contemporary Media Issues **Credit Hours: 3**

Choose Two from Latin American Studies: (6 Credit Hours)

- LAS 3002 - Topics in Latin American Studies **Credit Hours: 3**
- LAS 3101 - Latin American Popular Culture **Credit Hours: 3**

Student may also take a (3hr) study abroad course in Spain or Latin America with approval.

Additional restricted electives can be taken as approved by an advisor.

Speciality 2: Spanish Language and Media

Student must take: (9 Credit Hours)

- JOU 3951 - Knightly Latino **Credit Hours: 3**
- SPN 4410 - Advanced Spanish Conversation **Credit Hours: 3**
- SPT 3805 - Spanish Translation and Interpretation for Mass Communication **Credit Hours: 3**

Choose One from Latin American Studies: (3 Credit Hours)

- LAS 3002 - Topics in Latin American Studies **Credit Hours: 3**
- LAS 3101 - Latin American Popular Culture **Credit Hours: 3**

Student may also take a (3hr) study abroad course in Spain or Latin America with approval.

Additional restricted electives can be taken as approved by an advisor.

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 15

Other Requirements

- No more than three credit hours from the Hispanic/Latino Media Certificate may be used to satisfy internal restricted electives of the Journalism, Radio-TV, Ad-PR or Human Communication major. (Note: The myKnight Audit cannot capture overlapping courses between two or more programs; therefore, students should have their program reviewed by the School before filing for graduation.)

Human Biology Certificate

College

College of Sciences

Department

Department of Anthropology

Program Type

Certificate

Program Description

College of Sciences
Anthropology Department
Howard Phillips Hall (HPH), 309
407-823-2227
anthro@ucf.edu

College of Sciences
Department of Biology
Biological Sciences Building (BIO), 301
407-823-2141

Professor & Department Chair: Dr. John Schultz
John.Schultz@ucf.edu

The Human Biology Certificate blends biological anthropology with a foundation in anatomy and the biological sciences. The certificate is especially appropriate for anthropology, biology, and biomedical sciences students seeking an enhanced and interdisciplinary foundation in human biology.

Certificates will be awarded only at the time of degree completion.

Admission Requirements

- None
- A minimum overall 2.0 GPA is required in courses used to satisfy the requirement.
- At least 12 hours used toward the certificate must be earned at UCF within the participating departments.
- Students must select and meet with a certificate advisor in either the Anthropology or Biology department.
- Only two anthropology courses can overlap for students enrolled in multiple anthropology programs (minors and certificates). (Note: The myKnight Audit cannot capture overlapping courses between two or more programs; therefore, students should have their program reviewed by the department before filing for graduation.)

Certificate Requirements

- None

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Program Details

Required Courses (7 Credit Hours)

- ANT 2511 - The Human Species **Credit Hours: 3**
- BSC 2010C - Biology I **Credit Hours: 4**

Restricted Electives (12 Credit Hours)

- Majors other than Anthropology, Biology, or Biomedical Sciences may earn The Human Biology Certificate but must select courses with a certificate advisor.
- Anthropology majors must select courses from Restricted Electives Group A.
- Biology majors must select courses from Restricted Electives Group B.
- Biomedical Sciences majors must select courses from Restricted Electives Group C

Restricted Electives Group A:

Anthropology Majors select four courses from the list below:

- BSC 2011C - Biology II **Credit Hours: 4**
- PCB 3044 - Principles of Ecology **Credit Hours: 3**
- PCB 3063 - Genetics **Credit Hours: 3**
- PCB 3703C - Human Physiology **Credit Hours: 4**
- PCB 4683 - Evolutionary Biology **Credit Hours: 4**
- ZOO 4701 - Dissection Techniques **Credit Hours: 3**
- ZOO 3713C - Comparative Vertebrate Anatomy **Credit Hours: 5**
- ZOO 3733C - Human Anatomy **Credit Hours: 4**
- ZOO 4513 - Animal Behavior **Credit Hours: 3**

Restricted Electives Group B:

Biology Majors select four courses from the list below:

- ANT 3541 - Biobehavioral Anthropology **Credit Hours: 3**
- ANT 3550C - Primatology **Credit Hours: 3**
- ANT 4027 - Mummies, Life After Death **Credit Hours: 3**
- ANT 4115C - Archaeological Method and Theory **Credit Hours: 3**
- ANT 4408 - Culture, Disease, and Healing **Credit Hours: 3**
- ANT 4462 - Medical Anthropology **Credit Hours: 3**
- ANT 4467 - Nutritional Anthropology **Credit Hours: 3**
- ANT 4480 - Global Health in Anthropological Perspective **Credit Hours: 3**
- ANT 4483 - Health and Healing in the Ancient World: An Anthropological Perspective **Credit Hours: 3**
- ANT 4516 - Human Biological Diversity **Credit Hours: 3**
- ANT 4521 - Forensic Anthropology **Credit Hours: 3**
- ANT 4525C - Human Osteology **Credit Hours: 4**
- ANT 4560 - Birth to Death: Anthropological Perspectives on Human Growth **Credit Hours: 3**
- ANT 4586C - Human Origins **Credit Hours: 3**

Restricted Electives Group C:

Biomedical Sciences Majors select four courses from the list below:

- ANT 3541 - Biobehavioral Anthropology **Credit Hours: 3**
- ANT 3550C - Primatology **Credit Hours: 3**
- ANT 4027 - Mummies, Life After Death **Credit Hours: 3**
- ANT 4408 - Culture, Disease, and Healing **Credit Hours: 3**
- ANT 4462 - Medical Anthropology **Credit Hours: 3**
- ANT 4467 - Nutritional Anthropology **Credit Hours: 3**
- ANT 4480 - Global Health in Anthropological Perspective **Credit Hours: 3**
- ANT 4516 - Human Biological Diversity **Credit Hours: 3**
- ANT 4521 - Forensic Anthropology **Credit Hours: 3**
- ANT 4525C - Human Osteology **Credit Hours: 4**
- ANT 4560 - Birth to Death: Anthropological Perspectives on Human Growth **Credit Hours: 3**
- ANT 4586C - Human Origins **Credit Hours: 3**
- PCB 4683 - Evolutionary Biology **Credit Hours: 4**
- ZOO 4513 - Animal Behavior **Credit Hours: 3**
- ZOO 3713C - Comparative Vertebrate Anatomy **Credit Hours: 5**

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 19

Other Requirements

- Internship, research, or Independent Study credit can be used to replace one restricted elective course with approval from a certificate advisor.
- One course substitution for the Human Biology Certificate will only be allowed with prior approval from a certificate advisor. In addition, only a two course overlap is allowed between their major and the certificate.

Human Communication (B.A.)

College

College of Sciences

Department

Nicholson School of Communication and Media

Program Type

Major

Program Contact Information

**College of Sciences
Nicholson School of Communication and Media
UnionWest at Creative Village (UWCV), 200**

Professor & Human Communication Program Coordinator: Harry Weger
harry.weger@ucf.edu

Nicholson Academic Student Services Center (NASSC):
407-823-2681
nassc@ucf.edu

Admission Requirements

None

Program Description

Degree Requirements

- Students who change degree programs (other than from COM Pending) and select this major must adopt the most current catalog.
- Co-op or internship credit may be used in this major with prior advisor approval.
- Students cannot exceed a total of six credits of internship, co-op, and independent study credits combined.
- Students must consult with a school advisor
- School residency requirement consists of at least 24 semester hours of regularly scheduled 3000-4000 level courses taken from the Nicholson School of Communication and Media.
- All prerequisites of courses taught within the College of Sciences will be enforced.
- Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.

General Education (GEP)

- Complete all of the following
 - GEP 1 & 2- Communication Foundation
 - Complete all courses from the following:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - Complete the following:
 - SPC1608 - Fundamentals of Oral Communication (3)
 - GEP 4- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - GEP 6- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)

- HUM2020 - Encountering the Humanities (3)
- HUM2210 - Studies in Culture: Ancient to 17th Century (3)
- HUM2230 - Studies in Culture: 17th Century to Present (3)
- WOH2012 - World Civilization I (3)
- WOH2022 - World Civilization II (3)
- GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- GEP 7- Mathematical Foundation
 - Complete all of the following
 - MGF1106 or MGF1107 - Preferred
 - Complete at least courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - You may substitute a higher level math with appropriate scores on the Math Placement Exam. See: <https://www.sdes.ucf.edu/placement-tests>
- GEP 8- Mathematical Foundation
 - Complete the following:
 - STA2014 - Principles of Statistics (3)
- GEP 9- Social Foundation
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
- GEP 10- Social Foundation
 - Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
- GEP 11- Science Foundation
 - Complete at least 1 courses from the following:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)

- PSC1121 - Physical Science (3)
- GEP 12- Science Foundation
- Complete at least 1 courses from the following:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **33 - 35**

Common Program Prerequisites (CPP) (If applicable)

- CPP completed by enrolling into SPC1608 (GEP).

Grand Total Credits: **0**

Degree Requirements

Core Requirements: Advanced Level
15 Total Credits

- Complete all of the following
 - In addition to completing all of the required GEP and CPP (SPC1608 and STA2014C),
 - Complete the following:
 - COM3003 - Exploring Human Communication (3)
 - COM3311 - Communication Research Methods (3)
 - COM3402 - Communication Theory (3)
 - SPC3301 - Interpersonal Communication (3)
 - SPC3602 - Advanced Public Speaking (3)

Tracks

9 Total Credits

- Complete 1 of the following
 - Earn at least 9 credits from the following types of courses:
Human Communication Tracks (9 Credit Hours) Students must choose one track from the following:
General Human Communication, Business and Professional Communication, Health Communication, Interpersonal Communication, or Social Innovation and Activism.
 - Earn at least 9 credits from the following types of courses:
General Human Communication Track (9 Credit Hours) To complete the General Human Communication Track, students select 9 hours of courses from across the specialized tracks and/or internal restricted electives (in addition to the 6 hours of internal restricted electives).
Business & Professional Track
 - Complete the following:
 - COM4110 - Business and Professional Communication (3)
 - COM4120 - Organizational Communication (3)
 - COM4332 - Communication, Technology, and Change (3)
 - Health Communication Track
 - Complete the following:
 - COM4022 - Principles of Health Communication (3)
 - COM4221 - Health Literacy (3)
 - COM4550 - Public Communication Campaigns (3)
 - Interpersonal Communication Track
 - Complete the following:
 - COM4013 - Communication and the Family (3)
 - COM4461 - Intercultural Communication (3)
 - SPC4302 - Advanced Interpersonal Communication (3)

Social Innovation and Activism Track

- Complete the following:
 - COM4550 - Public Communication Campaigns (3)
 - COM4563 - Principles of Social Innovation and Activism (3)
 - SPC4513C - Argumentation and Debate (3)

Restricted Electives

15 Total Credits

- Earn at least 15 credits from the following types of courses:
Internal Restricted Electives: (6 Credit Hours) Note: Courses used for the track may NOT also count as electives. Students must use a different course if they have already taken one listed in the core of their track. Select from the following list: COM 3011C - Communication and Human Relations Credit Hours: 3 COM 3406 - Role of Motivation in Communication Credit Hours: 3 COM 4013 - Communication and the Family Credit Hours: 3 COM 4014 - Gender Issues in Communication Credit Hours: 3 COM 4022 - Principles of Health Communication Credit Hours: 3 COM 4026 - Current Issues in Communication Credit Hours: 3 COM 4110 - Business and Professional Communication Credit Hours: 3 COM 4120 - Organizational Communication Credit Hours: 3 COM 4221 - Health Literacy Credit Hours: 3 COM 4332 - Communication, Technology, and Change Credit Hours: 3 COM 4416 - Terrorism and Communication Credit Hours: 3 COM 4461 - Intercultural Communication Credit Hours: 3 COM 4462 - Conflict Management Credit Hours: 3 COM 4550 - Public Communication Campaigns Credit Hours: 3 COM 4563 - Principles of Social Innovation and Activism Credit Hours: 3 SPC 3445 - Leadership Through Oral Communication Credit Hours: 3 SPC 4302 - Advanced Interpersonal Communication Credit Hours: 3 SPC 4331 - Nonverbal Communication Credit Hours: 3 SPC 4426 - Group Dynamics Credit Hours: 3 SPC 4513C - Argumentation and Debate Credit Hours: 3 SPC 4540 - Persuasion and Communication Credit Hours: 3 Additional restricted electives can be taken as approved by an advisor. External Restricted Electives (6 Credit Hours) A minimum of six upper division credit hours from the NSCM but outside of the Human Communication area (i.e. Advertising - Public Relations, Digital Media, Film, Journalism, or Radio - Television) not specified as restricted internal electives above. Additionally, and when available, open courses in Business, Legal Studies, Leadership Studies, Writing and Rhetoric, Psychology, Sociology, Political Science, Public Administration or other related areas may be approved by NSCM advisors for use as external restricted electives.

High Impact Immersion

3 Total Credits

- Earn at least 3 credits from the following types of courses:
COM3955 - Study Abroad COM4903H - Honors Directed Reading I (1-99) COM4912 - Research (1-99)
COM4941 - Internship (1-99) COM4955 - Study Abroad COM4970H - Honors Undergrad Thesis (1-99)

Grand Total Credits: **42**

Program Details

Electives

- To fulfil the 120 required in this degree, select primarily from upper level courses. May be taken outside of the Nicholson School of Communication and Media.

Foreign Language Requirements

Graduation

- Proficiency equivalent to two semesters of college instruction in a foreign language (taught by the Department of Modern Languages and Literatures or Judaic Studies) or in American Sign Language (ASL). Standardized examinations for foreign languages may be used. ASL proficiency is met by successful completion of ASL 2140 and ASL 2150 or an appropriate score on the ASL proficiency exam. Contact the Department of Communication Sciences and Disorders (<https://healthprofessions.ucf.edu/csd/>) regarding the ASL proficiency examination. Consult with the NSCM advising staff to understand how choosing ASL might impact hours needed to graduate.

Departmental Exit Requirements

- A minimum average GPA of 2.0 is required in courses used to satisfy the major.
- To avoid graduation delays, meet with your advisor to review graduation requirements before registering for your last term.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120 Honors In Major

- Application and admissions through The Burnett Honors College and department. More information about Honors in the Major can be found at honors.ucf.edu/research

Related Programs

- Human Communication Minor
- Mass Media Minor

Advising Notes

- Students should consult with an NASSC advisor.

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Human Communication Minor

College

College of Sciences

Department

Nicholson School of Communication and Media

Program Type

Minor

Program Contact Information

**College of Sciences
Nicholson School of Communication and Media
UnionWest at Creative Village (UWCV), 200**

Professor & Programs Coordinator: Harry Weger
harry.weger@ucf.edu

Nicholson Academic Student Services Center (NASSC):
407-823-2681
nassc@ucf.edu

Admission Requirements

- Not open to Ad-PR, Communication & Conflict, Human Communication, Journalism, or Radio-TV majors.

Program Description

Minor Requirements

- A minimum average GPA of 2.0 is required in courses used to satisfy the minor.
- At least 15 hours used in the minor must be earned at UCF within the Nicholson School of Communication and Media.

Prerequisite Courses

- Students must satisfy course prerequisites before enrolling.

Degree Requirements

Required Courses

12 Total Credits

- Complete the following:
 - COM3003 - Exploring Human Communication (3)
 - COM3311 - Communication Research Methods (3)
 - COM4120 - Organizational Communication (3)
 - SPC3301 - Interpersonal Communication (3)

Restricted Electives

9 Total Credits

- Complete all of the following
 - Complete at least 3 of the following:
 - COM3402 - Communication Theory (3)
 - COM3406 - Role of Motivation in Communication (3)
 - COM4013 - Communication and the Family (3)
 - COM4014 - Gender Issues in Communication (3)
 - COM4022 - Principles of Health Communication (3)
 - COM4026 - Current Issues in Communication (3)
 - COM4110 - Business and Professional Communication (3)
 - COM4332 - Communication, Technology, and Change (3)
 - COM4416 - Terrorism and Communication (3)
 - COM4461 - Intercultural Communication (3)
 - COM4462 - Conflict Management (3)
 - SPC3445 - Leadership Through Oral Communication (3)
 - SPC3602 - Advanced Public Speaking (3)
 - SPC4302 - Advanced Interpersonal Communication (3)
 - SPC4426 - Group Dynamics (3)
 - SPC4331 - Nonverbal Communication (3)
 - SPC4513C - Argumentation and Debate (3)
 - SPC4540 - Persuasion and Communication (3)
 - Independent study or Special topics course if approved by the coordinator prior to enrolling in the class Credit Hours: 3 Additional restricted electives can be taken as approved by an advisor.

Grand Total Credits: **21**

Program Details

Total Undergraduate Credit Hours Required: 21

Other Requirements

- Internship, co-op, or independent study credit can be used toward this minor with prior approval.

Intelligence and National Security Certificate

College

College of Sciences

Department

School of Politics, Security, and International Affairs

Program Type

Certificate

Program Description

College of Sciences

School of Politics, Security, and Intl Affairs

Howard Phillips Hall (HPH), 302

407-823-2608

Politics@ucf.edu

Professor: Dr. Tom Dolan

407-823-2608

This certificate introduces students to the fundamentals of intelligence and national security, and allows for students to specialize in one or more different areas that are appropriate for a career in these fields. This certificate will be helpful for students majoring in any field who are interested in careers in intelligence and national security, and particularly for students in Political Science, International and Global Studies, and Criminal Justice.

Admission Requirements

- None

Certificate Requirements

- A grade of "C" (2.0) or better for all classes is required in courses counting towards the certificate.
- At least 9 hours used in the certificate must be taken at UCF.
- Internships, independent study and substitute courses/new courses are allowed at the director's discretion (for a maximum of 3 credit hours).

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Program Details

Required Courses (9 Credit Hours)

- INR 2002 - International Relations-Theory and Practice **Credit Hours: 3**
- INR 4364 - The Intelligence Community **Credit Hours: 3**

At least one of the following (if more than one course is taken it will count as a restricted elective):

INR 4367: Intelligence Process Credits / Units: 3

POS 4340: Research Methods and Intelligence Credits / Units: 3

- INR 4363 - Intelligence Analysis and Reporting **Credit Hours: 3**

Restricted Electives (3 Credit Hours)

Select one course from the following list:

- CCJ 4076 - Crime Intelligence and Investigative Support Analysis **Credit Hours: 3**
- CCJ 4641 - Organized Crime **Credit Hours: 3**
- CCJ 4644 - White Collar Crime **Credit Hours: 3**
- CCJ 4651 - Drugs and Crime **Credit Hours: 3**
- CJT 3803 - Security Management **Credit Hours: 3**
- CJT 3821 - Practical Security Applications **Credit Hours: 3**
- COM 4416 - Terrorism and Communication **Credit Hours: 3**
- CPO 3034 - Politics of Developing Areas **Credit Hours: 3**
- CPO 3057 - Contemporary Revolution and Political Violence **Credit Hours: 3**
- CPO 3403 - Politics of the Middle East **Credit Hours: 3**
- CPO 3614 - Politics of Eastern Europe **Credit Hours: 3**
- CPO 4303 - Comparative Latin American Politics **Credit Hours: 3**
- CPO 4514 - Politics of East Asia **Credit Hours: 3**
- CPO 4541 - Chinese Politics **Credit Hours: 3**
- CPO 4643 - Government and Politics of Russia **Credit Hours: 3**
- DSC 4012 - Terrorism **Credit Hours: 3**
- DSC 4013 - Homeland Security and Criminal Justice **Credit Hours: 3**
- INR 3250 - Politics of Pan-Africanism **Credit Hours: 3**
- INR 3253 - International Politics of Africa **Credit Hours: 3**
- INR 4060 - Causes of War **Credit Hours: 3**
- INR 4076 - Global Drug Policy **Credit Hours: 3**
- INR 4084 - Politics of International Terrorism **Credit Hours: 3**
- INR 4104 - Topics and Cases in American Foreign Policy **Credit Hours: 3**
- INR 4114 - American Security Policy **Credit Hours: 3**
- INR 4115 - Strategic Weapons and Arms Control **Credit Hours: 3**
- INR 4224 - Contemporary International Politics of Asia **Credit Hours: 3**
- INR 4243 - International Politics of Latin America **Credit Hours: 3**
- INR 4274 - International Politics of the Middle East **Credit Hours: 3**
- INR 4335 - Coercion in International Politics **Credit Hours: 3**
- INR 4363 - Intelligence Analysis and Reporting **Credit Hours: 3**
- INR 4743 - Military Power and Effectiveness **Credit Hours: 3**
- INR 4744 - Militaries in World Politics **Credit Hours: 3**
- INR 4764 - Cyberwarfare Policy **Credit Hours: 3**
- POS 4206 - Political Psychology **Credit Hours: 3**
- POS 4682 - National Security Law **Credit Hours: 3**
- POS 4764 - GIS for Political Analysis **Credit Hours: 3**
- SYP 3511 - Sociology of Murder **Credit Hours: 3**
- SYP 3520 - Criminology **Credit Hours: 3**
- SYP 4521 - Crime Victims in Society **Credit Hours: 3**
- SYP 4550 - Drug Use in Society **Credit Hours: 3**

Total Undergraduate Credit Hours Required: 12

Other Requirements

- None

Intelligence and National Security Minor

College

College of Sciences

Department

School of Politics, Security, and International Affairs

Program Type

Minor

Program Contact Information

**College of Sciences
School of Politics, Security, and Intl Affairs
Howard Phillips Hall (HPH), 302
Politics@ucf.edu**

Professor: Dr. Tom Dolan
407-823-2608

Admission Requirements

None

Program Description

This minor introduces students to the fundamentals of intelligence and national security, and it allows for students to specialize in one or more different areas that are appropriate for a career in these fields. This minor will be helpful for students majoring in any field who are interested in careers in intelligence and national security, and particularly for students in Political Science, International and Global Studies, and Criminal Justice. The minor in Intelligence and National Security consists of 18 credit hours at the undergraduate level, including four required core courses and two electives.

Minor Requirements

- A grade of "C" (2.0) or better for all classes is required in courses counting towards the minor.
- At least 15 hours used in the minor must be taken at UCF.
- Internships, independent study and substitute courses/new courses are allowed at the director's discretion (for a maximum of 3 credit hours).
- No more than 3 credit hours may overlap with any other major or minor. (Note: The myKnight Audit cannot capture overlapping courses between two or more programs; therefore, students should have their program reviewed by the School before filing for graduation.)

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Degree Requirements

Required Courses

12 Total Credits

- Complete all of the following
 - Complete the following:
 - INR2002 - International Relations-Theory and Practice (3)
 - POS4407 - The Intelligence Community (3)
 - Complete at least 2 of the following:
 - INR4360 - The Intelligence Process (3)
 - INR4363 - Intelligence Analysis and Reporting (3)
 - INR4942 - Intelligence Studies Capstone (3)
 - POS4300 - Research Methods and Intelligence (3)

Restricted Electives

6 Total Credits

- Complete all of the following
 - Earn at least 6 credits from the following types of courses:
Select two courses from the following list: CCJ 4076 - Crime Intelligence and Investigative Support Analysis Credit Hours: 3 CCJ 4641 - Organized Crime Credit Hours: 3 CCJ 4644 - White Collar Crime Credit Hours: 3 CCJ 4651 - Drugs and Crime Credit Hours: 3 CJT 3803 - Security Management Credit Hours: 3 CJT 3821 - Practical Security Applications Credit Hours: 3 COM 4416 - Terrorism and Communication Credit Hours: 3 CPO 3034 - Politics of Developing Areas Credit Hours: 3 CPO 3057 - Contemporary Revolution and Political Violence Credit Hours: 3 CPO 3403 - Politics of the Middle East Credit Hours: 3 CPO 3614 - Politics of Eastern Europe Credit Hours: 3 CPO 4303 - Comparative Latin American Politics Credit Hours: 3 CPO 4514 - Politics of East Asia Credit Hours: 3 CPO 4541 - Chinese Politics Credit Hours: 3 CPO 4643 - Government and Politics of Russia Credit Hours: 3 DSC 4012 - Terrorism Credit Hours: 3 DSC 4013 - Homeland Security and Criminal Justice Credit Hours: 3 INR 3250 - Politics of Pan-Africanism Credit Hours: 3 INR 3253 - International Politics of Africa Credit Hours: 3 INR 4060 - Causes of War Credit Hours: 3 INR 4076 - Global Drug Policy Credit Hours: 3 INR 4084 - Politics of International Terrorism Credit Hours: 3 INR 4104 - Topics and Cases in American Foreign Policy Credit Hours: 3 INR 4114 - American Security Policy Credit Hours: 3 INR 4115 - Strategic Weapons and Arms Control Credit Hours: 3 INR 4243 - International Politics of Latin America Credit Hours: 3 INR 4224 - Contemporary International Politics of Asia Credit Hours: 3 INR 4274 - International Politics of the Middle East Credit Hours: 3 INR 4335 - Coercion in International Politics Credit Hours: 3 INR 4363 - Intelligence Analysis and Reporting Credit Hours: 3 INR 4743 - Military Power and Effectiveness Credit Hours: 3 INR 4774 - Military Space Policy Credit Hours: 3 INR 4764 - Cyberwarfare Policy Credit Hours: 3 POS 4206 - Political Psychology Credit Hours: 3 POS 4682 - National Security Law Credit Hours: 3 POS 4764 - GIS for Political Analysis Credit Hours: 3 SYP 3511 - Sociology of Murder Credit Hours: 3 SYP 3520 - Criminology Credit Hours: 3 SYP 4521 - Crime Victims in Society Credit Hours: 3 SYP 4550 - Drug Use in Society Credit Hours: 3
 - Other courses may be substituted with approval by the program advisor.

Grand Total Credits: **18**

Program Details

Total Undergraduate Credit Hours Required: 18

Intercultural Communication Minor

College

College of Sciences

Department

Nicholson School of Communication and Media

Program Type

Minor

Program Contact Information

**College of Sciences
Nicholson School of Communication and Media
UnionWest at Creative Village (UWCV), 200**

Professor & Program Coordinator: Harry Weger
harry.weger@ucf.edu

Nicholson Academic Student Services Center (NASSC):
407-823-2681
nassc@ucf.edu

Admission Requirements

None

Program Description

The Intercultural Communication Minor is designed to provide students with understanding of key patterns of cultural values and communication behaviors, develop competence in communicating across cultural boundaries, and introduce students to ethical issues in intercultural communication through a study abroad or study local focus.

Minor Requirements

- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Lower division courses taken at Florida College System institutions do not substitute for upper division courses.

Prerequisite Courses

- Some courses for this minor will have prerequisites completed as a part of a student's GEP requirement, as general electives, or a student can enroll into courses with consent of instructor.

Degree Requirements

Required Courses
6 Total Credits

- Complete all of the following
 - Complete the following:
 - COM4461 - Intercultural Communication (3)
 - Earn at least 3 credits from the following types of courses:
COM 4934C - Topics in Intercultural Communication Credit Hours: 3

Specializations
12 Total Credits

- Complete 1 of the following
Specialization A: Study Abroad

- Complete all of the following
 - Earn at least 9 credits from the following types of courses:
Approved NSCM Study Abroad courses.
 - Complete 3 credits of additional international-focused coursework from the following or an additional, approved NSCM Study Abroad course.
 - Earn at least 3 credits from the following:
 - ANT3241 - Magic, Ritual, and Belief (3)
 - ANT3302 - Sex, Gender and Culture (3)
 - ANT3610 - Language and Culture (3)
 - ANT4480 - Global Health in Anthropological Perspective (3)
 - ANT4702 - Culture, Inequality and Global Development (3)
 - COM4014 - Gender Issues in Communication (3)
 - COM4563 - Principles of Social Innovation and Activism (3)
 - FIL3831 - Black Cinema (3)
 - FIL3842 - International Cinema (3)
 - FIL3845 - World Cinema Traditions (3)
 - MMC4300 - International Media (3)
 - RTV4403 - Electronic Media, Technology, and Society (3)
 - SYD3700 - Race and Ethnicity (3)
 - SYO4323 - Community and Diversity (3)
 - SYP4454 - Global Inequality and Society (3)
 - WST3460 - Women, Race and Struggle (3)

Specialization B: Study Local

- Complete all of the following
 - Earn at least 3 credits from the following types of courses:
COM 4903H Honors Directed Reading I COM 4912 Research COM 4941 Domestic Internship
COM 4945 - Domestic Practicum COM 4970H Honors Undergraduate Thesis OR 3 hours of
approved NSCM study abroad courses
 - Of the following, no more than 6 hours can be taken from the same department.
 - Earn at least 9 credits from the following:
 - ANT3241 - Magic, Ritual, and Belief (3)
 - ANT3302 - Sex, Gender and Culture (3)
 - ANT3610 - Language and Culture (3)
 - ANT4480 - Global Health in Anthropological Perspective (3)
 - ANT4702 - Culture, Inequality and Global Development (3)
 - COM4014 - Gender Issues in Communication (3)
 - ANT3311 - Indians of the Southeastern United States (3)
 - FIL3831 - Black Cinema (3)
 - FIL3842 - International Cinema (3)
 - FIL3845 - World Cinema Traditions (3)
 - MMC4303 - Hispanics in Media in the US (3)
 - RTV4403 - Electronic Media, Technology, and Society (3)
 - SYD3700 - Race and Ethnicity (3)
 - SYO4323 - Community and Diversity (3)
 - SYP4454 - Global Inequality and Society (3)
 - WST3460 - Women, Race and Struggle (3)
 - Additional courses can be taken as approved by an advisor.

Grand Total Credits: **18**

Program Details

Total Semester Hours Required - 18

Other Requirements

- Courses taken as part of a UCF Nicholson School of Communication and Media international program, will be reviewed for appropriateness by the faculty. Additional information may be required by the faculty to determine the appropriateness of the course taken.
- No more than six credit hours from the Intercultural Communication minor may be shared among other NSCM programs. (Note: The myKnight Audit cannot capture overlapping courses between two or more programs; therefore, students should have their program reviewed by the School before filing for graduation.)

International and Global Studies (B.A.)

College

College of Sciences

Department

School of Politics, Security, and International Affairs

Program Type

Major

Program Contact Information

College of Sciences
School of Politics, Security, and Intl Affairs
Howard Phillips Hall (HPH), 302
407-823-2608
politics@ucf.edu

***Associate Lecturer:* Nathan Ilderton**
407-823-2608

Is this program available 100% online?

Yes

UCF Online

International and Global Studies (B.A.) may be completed fully online , although not all elective options or program prerequisites may be offered online. Newly admitted students choosing to complete this program exclusively via UCF online classes may enroll with a reduction in campus-based fees.

Admission Requirements

None.

Program Description

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog
- Co-op or internship credit cannot be used in this major without prior school approval
- Students should consult with a school advisor
- School Residency Requirement consists of at least 21 semester hours of regularly scheduled courses taken from the UCF School of Politics, Security, and Intl Affairs
- All prerequisites of courses taught within the College of Sciences will be enforced.
- Most courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours

Double major/dual degree policy in Political Science programs and minors:

- Students who double major/degree in any Political Science track and International and Global Studies shall not count more than two courses toward both programs, with the exception of:
 - POS 2041 - American National Government
 - POS 3703 - Scope and Methods of Political Science
- Students who major in International and Global Studies, and minor in Political Science, shall not count more than one course toward both programs, except for the following course.
 - POS 2041 - American National Government

General Education (GEP)

GEP Notes

0 Total Credits

- At least one course completed in each Foundation area must be a designated State General Education Core Course. See the catalog GEP description for more information.

Communication Foundation

9 Total Credits

- Complete all of the following
 - GEP 1 & 2- Communication Foundation
 - Complete all courses from the following:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - Complete all of the following
 - SPC1608 - Preferred
 - Complete at least 1 courses from the following:
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

Historical & Cultural Foundation

9 Total Credits

- Complete all of the following
 - GEP 4- Historical & Cultural Foundation
 - Complete all of the following
 - WOH2021 - Preferred
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)

- GEP 5- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - GEP 6- Historical & Cultural Foundation
 - Complete all of the following
 - WOH2022 - Preferred
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)

Mathematical Foundation
6 - 7 Total Credits

- Complete all of the following
 - GEP 7- Mathematical Foundation
 - Complete all of the following
 - MGF1106 or MGF1107 - Preferred
 - You may substitute a higher-level MAC course with an appropriate score on the Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)

- MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
- GEP 8- Mathematical Foundation
 - Complete all of the following
 - STA2014 - Preferred
 - Complete at least 1 courses from the following:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)

Social Foundation
6 Total Credits

- Complete all of the following
 - GEP 9- Social Foundation
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - Complete the following:
 - POS2041 - American National Government (3)

Science Foundation
6 - 8 Total Credits

- Complete all of the following
 - GEP 11- Science Foundation
 - Complete at least 1 courses from the following:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - GEP 12- Science Foundation
 - Complete at least 1 courses from the following:
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36 - 39**

Degree Requirements

Core Requirements: Basic Level

3 Total Credits

- Complete all of the following
 - In addition to completing POS2041 (GEP).
 - Complete the following:
 - INR2002 - International Relations-Theory and Practice (3)

Core Requirements: Advanced Level

15 Total Credits

- Complete all of the following
 - Complete the following:
 - CPO3103 - Comparative Politics (3)
 - GEO3471 - World Political Geography (3)
 - INR4008 - Global Perspectives (3)
 - INR4603 - International Relations Theory (3)
 - POS3703 - Scope and Methods of Political Science (3)
 - POS4961 - Exit Course
 - Note: POS4961 is taken in the graduating semester.

Restricted Electives

9 Total Credits

- Complete all of the following
 - Students must meet all prerequisites before taking these classes.
 - Other courses may be substituted with school approval.
 - Regional
 - Complete at least of the following:
 - CPO3034 - Politics of Developing Areas (3)
 - CPO3104 - Politics of Western Europe (3)
 - CPO3132 - Canadian Politics (3)
 - CPO3403 - Politics of the Middle East (3)
 - CPO3614 - Politics of Eastern Europe (3)
 - CPO4101 - Politics of the European Union (3)
 - CPO4123 - Government and Politics of Great Britain (3)
 - CPO4303 - Comparative Latin American Politics (3)
 - CPO4400 - Kurdish Politics: Identity, Violence, and Democracy (3)
 - CPO4514 - Politics of East Asia (3)
 - CPO4541 - Chinese Politics (3)
 - CPO4553 - Politics of Japan (3)
 - CPO4643 - Government and Politics of Russia (3)
 - CPO4710 - Women in Comparative Politics (3)
 - INR3250 - Politics of Pan-Africanism (3)
 - INR3253 - International Politics of Africa (3)
 - INR4224 - Contemporary International Politics of Asia (3)
 - INR4243 - International Politics of Latin America (3)
 - INR4274 - International Politics of the Middle East (3)

Functional

- Complete all of the following
 - Complete at least 3 of the following:
 - CPO3057 - Contemporary Revolution and Political Violence (3)
 - CPO4062 - Comparative Judicial Process (3)
 - CPO4074 - Political Economy (3)
 - CPO4731 - Politics of Democratization (3)
 - CPO4754 - Comparative Political Institutions (3)
 - CPO4784 - Political and Economic Inequality in Comparative Perspective (3)
 - CPO4731 - Politics of Democratization (3)
 - INR3016 - Global Political Issues (3)
 - INR4011 - Politics of Globalization (3)
 - INR4030 - Diplomacy (3)

- INR4035 - International Political Economy (3)
 - INR4054 - Global Politics of Energy (3)
 - INR4060 - Causes of War (3)
 - INR4063 - The Cold War (3)
 - INR4074 - Immigration Policy (3)
 - INR4075 - Human Rights Policy (3)
 - INR4076 - Global Drug Policy (3)
 - INR4084 - Politics of International Terrorism (3)
 - INR4085 - Women, Gender, and Globalization (3)
 - INR4102 - American Foreign Policy (3)
 - INR4104 - Topics and Cases in American Foreign Policy (3)
 - INR4114 - American Security Policy (3)
 - INR4115 - Strategic Weapons and Arms Control (3)
 - INR4225 - The Vietnam War (3)
 - INR4304 - Issues in International Public Policy (3)
 - INR4335 - Coercion in International Politics (3)
 - INR4350 - Global Environmental Politics (3)
 - INR4351 - International Environmental Law (3)
 - INR4363 - Intelligence Analysis and Reporting (3)
 - POS4407 - The Intelligence Community (3)
 - INR4401 - International Law (3)
 - INR4404 - Space Law (3)
 - INR4502 - International Organizations (3)
 - INR4714 - Politics of International Trade Policy (3)
 - INR4743 - Military Power and Effectiveness (3)
 - INR4744 - Militaries in World Politics (3)
 - INR4764 - Cyberwarfare Policy (3)
 - INR4765 - Emerging Space Powers (3)
 - INR4774 - Military Space Policy (3)
 - POS3733 - Designing Political Science Research (3)
 - PUP4503 - Government and Science (3)
 - PUP4510 - Space Policy (3)
- Internship (INR4941) may also be used as an elective in the Functional area.

Grand Total Credits: **27**

Program Details

Total Undergraduate Credit Hours Required: 120

Electives

- To fulfill the 120 hours required of this degree, complete a required minor (see below) and select primarily from upper level courses after meeting with a school advisor. Courses may be outside the school.
- Internship Program: For students who excel, a limited number of internships may be available each semester.
- Credit for Honors in the Major, Independent Study, and Internship may be counted toward the major in International and Global Studies, provided that no more than 3 hours of either area is covered by such credits.
- Students who qualify for Senior Scholars Program may enroll in graduate level courses to satisfy major requirements to take area courses.

Foreign Language Requirements

Graduation

- Proficiency equivalent to four semesters of college instruction in a foreign language taught by the Department of Modern Languages and Literatures or Judaic Studies. Standardized examinations for foreign languages may be used to meet the requirement

Required Minors

- Students are required to complete a minor in language or area studies.
- No more than one course may be used to fulfill both this major and the minor; students may not utilize the International and Global Studies minor to complete the degree requirements for the BA in

International and Global Studies.

- The language and area studies minor requirement will be waived for students who double major in French, Latin American Studies, or Spanish.
- Select from the following (other minors may be substituted with the program coordinator's approval):
 - Aerospace Studies Minor
 - Africana Studies Minor
 - Anthropology in Multicultural Studies Minor
 - Asian Studies Minor
 - Diplomacy Minor
 - Diversity and Social Inequality Minor
 - Economics Minor
 - European Studies Minor
 - French Minor
 - Global Peace and Security Studies Minor
 - Human Communication Minor
 - Humanities and Cultural Studies Minor
 - Intelligence and National Security Minor
 - International Business Minor
 - International Engineering Minor
 - Italian Minor
 - Judaic Studies Minor
 - Latin American Studies Minor
 - Middle Eastern Studies Minor
 - Military Science Minor
 - Religion and Cultural Studies Minor
 - Russian Studies Minor
 - Spanish Minor
 - Terrorism Studies Minor
 - World Comparative Studies Minor

Program Exit Requirements

- Students must maintain a minimum cumulative GPA of 2.0 in all courses used to satisfy major requirements.
- Complete the POS 4941 Exit Course during the student's graduating semester.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 48 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

High Impact Learning Experiences

- High Impact Learning Experiences are available to all students. Interested students may select from the following options:
 - POS 3940 Internship*
 - POS 3955 Study Abroad*
 - POS 4903H Honors Directed Reading I*
 - POS 4904H Honors Directed Reading II*
 - POS 4912 Directed Independent Research*
 - POS 4941 Internship*
 - POS 4955 Study Abroad*
 - POS 4970H Undergraduate Honors Thesis*
 - Any course designated as Research Intensive
 - Any course designated as Service Learning
 - Any course designated as an Integrated Learning Experience

* These courses may also be taken with an INR, CPO, PUP, or POT prefix.

Honors In Major

- Application and admissions through The Burnett Honors College. More information about Honors in the Major can be found at honors.ucf.edu/research
- Interested students who meet the requirements are encouraged to participate in the HIM program. Contact the school for information about the program and the HIM coordinator.

Related Programs

- Anthropology (B.A.)
- Economics (B.S.)
- History (B.A.)

- Diplomacy Certificate
- Intelligence and National Security Certificate

- Anthropology Minor
- Anthropology in Multicultural Studies Minor
- Diversity and Social Inequality Minor
- Economics Minor
- European Studies Minor
- Global Peace and Security Studies Minor
- History Minor
- Philosophy Minor
- Psychology Minor
- Sociology Minor
- Terrorism Studies Minor

Advising Notes

- Students should consult with a School advisor.
- Contact your college advisor in the College of Sciences Advising Services (COSAS) office (CSB 250) for more information about overall progress toward your degree, GEP and other university requirements, academic probation, special problems as well as general academic advising.

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.
- Submit your requests for course evaluations at <https://sciences.ucf.edu/cosas/> and click on "COS Course Evaluation".

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$5 per term
- Full-Time Student: \$10 per term

International and Global Studies Minor

College

College of Sciences

Department

School of Politics, Security, and International Affairs

Program Type

Minor

Program Contact Information

College of Sciences
School of Politics, Security, and Intl Affairs
Howard Phillips Hall (HPH), 302
407-823-2608
politics@ucf.edu

Associate Lecturer: Dr. Paul Vasquez
407-823-2608

Admission Requirements

None.

Program Description

Students taking the International and Global Studies Minor will examine the interactions between nations and the political processes within nations using a variety of perspectives. International aspects focus on how countries interact with one another, and how the social and cultural systems within them affect these interactions. Global studies looks at intra-national factors, such as how a state's internal characteristics impact that state's political processes. Immigration, technological advancements and internationalization of foreign policy make global studies a complementary approach to international studies.

Minor Requirements

- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades below "C" (2.0) in lower level courses are not accepted in the minor.
- At least nine hours used in the minor must be earned at UCF within the School.
- Double major/dual degree policy in Political Science programs and minors:
 1. Students who major in any Political Science track, and minor in International and Global Studies, shall not count more than one course toward both programs.
 2. Students who double minor in Political Science and International and Global Studies shall not count more than one course toward both programs. (Note: The myKnight Audit cannot capture overlapping courses between two or more programs; therefore, students should have their program reviewed by the School before filing for graduation.)

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Degree Requirements

Required Courses

6 Total Credits

- Complete the following:
 - GEO3471 - World Political Geography (3)
 - INR4008 - Global Perspectives (3)

Restricted Electives

15 Total Credits

- Complete all of the following
 - Political Science
 - Complete all of the following
 - Substitutions require prior approval by the program advisor.
 - Earn at least 6 credits from the following:
 - INR3016 - Global Political Issues (3)

- INR3250 - Politics of Pan-Africanism (3)
- INR3253 - International Politics of Africa (3)
- INR4011 - Politics of Globalization (3)
- INR4030 - Diplomacy (3)
- INR4035 - International Political Economy (3)
- INR4054 - Global Politics of Energy (3)
- INR4060 - Causes of War (3)
- INR4063 - The Cold War (3)
- INR4074 - Immigration Policy (3)
- INR4075 - Human Rights Policy (3)
- INR4076 - Global Drug Policy (3)
- INR4084 - Politics of International Terrorism (3)
- INR4085 - Women, Gender, and Globalization (3)
- INR4102 - American Foreign Policy (3)
- INR4102 - American Foreign Policy (3)
- INR4104 - Topics and Cases in American Foreign Policy (3)
- INR4114 - American Security Policy (3)
- INR4115 - Strategic Weapons and Arms Control (3)
- INR4224 - Contemporary International Politics of Asia (3)
- INR4225 - The Vietnam War (3)
- INR4243 - International Politics of Latin America (3)
- INR4274 - International Politics of the Middle East (3)
- INR4304 - Issues in International Public Policy (3)
- INR4335 - Coercion in International Politics (3)
- INR4350 - Global Environmental Politics (3)
- INR4351 - International Environmental Law (3)
- INR4363 - Intelligence Analysis and Reporting (3)
- POS4407 - The Intelligence Community (3)
- INR4401 - International Law (3)
- INR4404 - Space Law (3)
- INR4502 - International Organizations (3)
- INR4603 - International Relations Theory (3)
- INR4714 - Politics of International Trade Policy (3)
- INR4743 - Military Power and Effectiveness (3)
- INR4744 - Militaries in World Politics (3)
- INR4764 - Cyberwarfare Policy (3)
- INR4765 - Emerging Space Powers (3)
- INR4774 - Military Space Policy (3)

Area Studies

- Earn at least 6 credits from the following types of courses:
Two upper division courses from one of the following area studies programs: Asian Studies, European Studies, Latin American, Caribbean and Latino Studies, Middle Eastern Studies, Russian Studies Courses may not have a prefix of INR, CPO, POT, POS or PUP.

Other

- Earn at least 3 credits from the following:
 - CPO3034 - Politics of Developing Areas (3)
 - CPO3057 - Contemporary Revolution and Political Violence (3)
 - CPO3103 - Comparative Politics (3)
 - CPO3104 - Politics of Western Europe (3)
 - CPO3132 - Canadian Politics (3)
 - CPO3403 - Politics of the Middle East (3)
 - CPO3614 - Politics of Eastern Europe (3)
 - CPO4062 - Comparative Judicial Process (3)
 - CPO4074 - Political Economy (3)
 - CPO4101 - Politics of the European Union (3)
 - CPO4123 - Government and Politics of Great Britain (3)
 - CPO4303 - Comparative Latin American Politics (3)
 - CPO4400 - Kurdish Politics: Identity, Violence, and Democracy (3)
 - CPO4514 - Politics of East Asia (3)
 - CPO4541 - Chinese Politics (3)
 - CPO4553 - Politics of Japan (3)
 - CPO4643 - Government and Politics of Russia (3)
 - CPO4731 - Politics of Democratization (3)

- CPO4731 - Politics of Democratization (3)
- CPO4754 - Comparative Political Institutions (3)
- CPO4784 - Political and Economic Inequality in Comparative Perspective (3)

Grand Total Credits: **21**

Program Details

Foreign Language Requirements

- Proficiency equivalent to four semesters of college instruction in a foreign language taught by the Department of Modern Languages and Literatures or Judaic Studies. Standardized examinations for foreign languages may be used to meet the requirement.

Total Undergraduate Credit Hours Required: 21

Other Requirements

- Internship, Co-op, or Independent Study credit cannot be used toward the minor without prior School approval.

Journalism (B.A.)

College

College of Sciences

Department

Nicholson School of Communication and Media

Program Type

Major

Program Contact Information

College of Sciences

Nicholson School of Communication and Media

Nicholson School of Communication & Media Building (NSCM), 143

Associate Instructor & Journalism Program Coordinator: Lance Speere

lance.speere@ucf.edu

Nicholson Academic Student Services Center (NASSC):

407-823-2681

nassc@ucf.edu

Admission Requirements

- The Journalism program is a limited access program that requires a separate application.
- Students should apply to become Journalism majors only after completing all requirements for admission.
- Admission is based on multiple factors, not strictly GPA.
- Students must be in good academic standing.
- Attain an overall minimum 2.5 GPA based on a minimum of 30 credit hours of college work. NOTE: Meeting the minimum GPA does not guarantee admission because students are admitted on a space available basis.
- See a NSCM advisor for additional admission criteria.
- Meet a grammar proficiency standard. Students must pass a grammar proficiency exam administered by UCF's Testing Center unless they have AP or IB credit in English or an "A-" or better in both of the following courses:
 - ENC 1101 - Composition I **Credit Hours: 3**
 - ENC 1102 - Composition II **Credit Hours: 3**

Application Deadlines

- October 1 to be admitted the next spring term
- February 1 to be admitted the next summer term
- July 1 to be admitted the next fall term

Program Description

The Journalism B.A. provides students with the skills and knowledge leading to careers in electronic and digital media. It is a limited-access degree program, which means a separate application must be submitted directly to the Nicholson School of Communication and Media in order to be considered for admission. Students choose from two focus areas:

- Digital News. For students who wish to work as writers, reporters, editors and photographers for the news media, primarily websites, newspapers and magazines.
- Electronic News. For students who desire to work in broadcast news as reporters, photographers, anchors or broadcast sports journalists.

Degree Requirements

- Students who change degree programs (other than from Journalism Pending) and select this major must adopt the most current catalog.
- The Journalism faculty strongly recommend that majors work for a student news outlet.
- Journalism majors may obtain an off-campus internship with a news organization.
- To receive credit for an internship, students must have a 2.5 GPA in their required major courses. Students with less than a 2.5 GPA will not be given academic internship credit.
- Students can enroll in a maximum of three hours of internship credit. However, the internships must be with different employers. Each internship must be approved by and supervised by a Journalism faculty advisor.
- A portfolio of representative work must be submitted to, and approved by, a faculty committee at least one semester before graduation. At least 75% of the work must be produced while at UCF.
- Co-op or internship credit cannot be used in this major without prior approval.
- Students should consult with a school advisor.
- Of the 120 hours required for graduation, 72 hours must be taken outside of the disciplines of Communication (Advertising/Public Relations, Human Communication, and Communication & Conflict) and Mass Media (Media Production & Management and Journalism). Minors in Film and Digital Media are permitted.
- The School residency requirement consists of at least 24 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF Nicholson School of Communication and Media.
- The Journalism program follows the Society of Professional Journalists Code of Ethics. Students who violate the code (plagiarizing, cheating or fabricating, for example) may be removed from the program.
- All prerequisites of courses taught within the College of Sciences will be enforced.
- Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.

General Education (GEP)

- Complete all of the following
 - At least one course completed in each Foundation area must be a designated State General Education Core Course.

- GEP 1 & 2- Communication Foundation
 - Complete at least 1 courses from the following:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - Complete the following:
 - SPC1608 - Fundamentals of Oral Communication (3)
 - GEP 4- Historical & Cultural Foundation
 - Complete all of the following
 - AMH2010 - Preferred
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - GEP 6- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)

- MUH2019 - American Popular Music, 1840s-present (3)
- MUL2016 - Evolution of Jazz (3)
- MUL2720 - Music of the World (3)
- PHI2010 - Introduction to Philosophy (3)
- REL2300 - World Religions (3)
- THE2000 - Theatre Survey (3)
- MUL2010 - Enjoyment of Music (3)
- GEP 7- Mathematical Foundation
 - Complete all of the following
 - MAC1105C, MGF1106, or MGF1107 - Preferred
 - You may substitute a higher level math with appropriate scores on the Math Placement Exam, see: <https://www.sdes.ucf.edu/placement-tests/>.
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
- GEP 8- Mathematical Foundation
 - Complete all of the following
 - CGS1060C or STA2014 - Preferred
 - Complete at least 1 courses from the following:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)
- GEP 9- Social Foundation
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
- GEP 10- Social Foundation
 - Complete all of the following
 - POS2041 - Preferred
 - Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
- GEP 11- Science Foundation
 - Complete at least 1 courses from the following:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
- GEP 12- Science Foundation
 - Complete at least 1 courses from the following:
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)

- BSC1005 - Biological Principles (3)
- BSC2010C - Biology I (4)
- EVR1001 - Introduction to Environmental Science (3)
- GEO1200 - Physical Geography (3)
- GEO2370 - Resources Geography (3)
- GLY1030 - Geology and its Applications (3)
- GLY2038 - Environmental Geoscience (3)
- MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
- MET2104 - The Earth's Climate (3)

Grand Total Credits: **33 - 36**

Common Program Prerequisites (CPP) (If applicable)

- CPP completed by enrolling into SPC1608 (GEP).

Grand Total Credits: **0**

Degree Requirements

Core Requirements: Basic Level

15 Total Credits

- Complete all of the following
 - Grammar Proficiency must be satisfied before enrolling in JOU 2100C.
 - These courses may be completed before acceptance into the program.
 - A "C" or better must be earned in the basic core required courses in order to enroll into subsequent courses.
 - In addition to completing the required GEP/CPP courses (SPC1068),
 - Complete the following:
 - JOU2100C - News Reporting (3)
 - JOU3004 - History of American Journalism (3)
 - JOU3015 - Principles of Journalism (3)
 - MMC2004 - Mass Media (3)
 - MMC3200 - Mass Communication Law (3)

Core Requirements: Advanced Level

3 Total Credits

- Complete all of the following
 - These courses may be completed either before or after acceptance into the program.
 - Must earn at least a "C" (2.0) in these courses in order to enroll in subsequent courses.
 - Complete at least 1 of the following:
 - MMC4300 - International Media (3)
 - MMC4303 - Hispanics in Media in the US (3)
 - Any Nicholson School advisor approved upper-division Study Abroad course may also fulfill this requirement.

Restricted Electives

19 Total Credits

- Complete all of the following
 - These courses can only be completed after acceptance into the program.
 - Students may NOT use track-specific courses as Group A electives; students must use a different course if they have already taken one listed as a requirement in their track.
 - All prerequisites of courses will be enforced.
 - Courses taken from Group A and Group B must total 9 hours.
 - Complete 1 of the following
 - Electronic News: Select the following:
 - Complete all of the following
 - Note: Must earn at least a "C" (2.0) in these courses in order to enroll in RTV 4681
 - Television News
 - Complete the following:
 - RTV3301 - Electronic Journalism I (3)
 - RTV3304 - Electronic Journalism II (3)

- RTV3321C - Electronic News Gathering (4)

Digital News: Select the following:

- Complete all of the following
 - Note: Must earn at least a "C" (2.0) in these courses in order to enroll in JOU 4950 Senior Capstone in Journalism
 - Complete the following:
 - JOU3101C - Advanced Reporting (3)
 - RTV3321C - Electronic News Gathering (4)
 - Complete at least 1 of the following:
 - JOU4340C - Online Journalism I (3)
 - JOU4342C - Multimedia Journalism (3)

Group A:

- Complete all of the following
 - Internships must be approved in advance by the Journalism Area Coordinator
 - Students may NOT use track-specific courses (above) as Group A electives; students must use a different course if they have already taken one listed as a requirement in their track.
 - Earn at least 6 credits from the following:
 - JOU3101C - Advanced Reporting (3)
 - JOU3184C - Metro Reporting (3)
 - JOU3201 - Editing I (3)
 - JOU3202 - Editing II (3)
 - JOU3310 - Social Media Writing for Magazines (3)
 - JOU3313C - Sports Reporting (3)
 - JOU3320 - News Producing (3)
 - JOU3510 - Magazine Publishing (3)
 - JOU3951 - Knightly Latino (3)
 - JOU4181 - Public Affairs Reporting (3)
 - JOU4213C - Page Design (3)
 - JOU4300 - Feature Writing (3)
 - JOU4308 - Freelance Writing (3)
 - JOU4340C - Online Journalism I (3)
 - JOU4342C - Multimedia Journalism (3)
 - JOU4447 - Magazine Editing and Production (3)
 - JOU4941 - Internship (1 - 99)
 - PGY3610C - Photojournalism I (3)
 - PGY3620C - Photojournalism II (3)
 - RTV3301 - Electronic Journalism I (3)
 - RTV3304 - Electronic Journalism II (3)
 - RTV4591C - Webcasting I (3)
 - RTV4681C - Television News (4)
 - JOU4941 may be taken for a maximum of 3 hours.

Group B:

- Complete all of the following
 - Earn at least 3 credits from the following:
 - JOU3301 - Journalism Readings (3)
 - JOU4700 - Journalism Ethics (3)
 - JOU4941 - Internship (1 - 99)
 - MMC3420 - Mass Media Research Methods (3)
 - MMC3630 - Social Media as Mass Communication (3)
 - MMC4263 - New Media Technologies (3)
 - MMC4300 - International Media (3)
 - MMC4303 - Hispanics in Media in the US (3)
 - MMC4602 - Contemporary Media Issues (3)
 - RTV3007 - Development and Structure of Electronic Media and New Technology (3)
 - RTV3511 - Production Fundamentals and Aesthetics of Electronic Media (3)
 - RTV4403 - Electronic Media, Technology, and Society (3)
 - RTV4503 - Sports Programming in Electronic Media (3)
 - RTV4505 - Program Issues for TV & Motion Pictures (3)
 - RTV4700 - Regulation of Broadcasting (3)
 - RTV4800 - Broadcast Management (3)
 - JOU4941 may be taken for a maximum of 3 hours. Internships must be approved in advance

- by the Journalism Program Coordinator
- Additional restricted electives can be taken as approved by an advisor.

Capstone Requirements

4 Total Credits

- Complete 1 of the following
 - Electronic News:
 - Complete the following:
 - RTV4681C - Television News (4)
 - Digital News:
 - Complete the following:
 - JOU4950 - Senior Capstone in Journalism (4)

Grand Total Credits: **41**

Program Details

Electives

- To fulfill the 120 hours of this degree, select primarily from upper level courses, with school advisor's approval. Must be from outside of the Nicholson School of Communication and Media in order to not exceed the 48 credit hour cap.

Foreign Language Requirement

Graduation

- Proficiency equivalent to two semesters of college instruction in a foreign language (taught by the Department of Modern Languages and Literatures or Judaic Studies) or in American Sign Language (ASL). Standardized examinations for foreign languages may be used. ASL proficiency is met by successful completion of ASL 2140 and ASL 2150 or an appropriate score on the ASL proficiency exam. Contact the Department of Communication Sciences and Disorders (<https://healthprofessions.ucf.edu/csd/>) regarding the ASL proficiency examination. Consult with the NSCM advising staff to understand how choosing ASL impacts hours needed to graduate.

Required Minors

- Journalism majors must complete an 18 hour minor in an academic area outside of the Nicholson School of Communication and Media. The exceptions are the minors in Film (Cinema Studies) and Digital Media. When no official minor is offered, students may complete an 18-credit-hour area of concentration approved by the Program Coordinator.
- The minor or area of concentration must be from outside of the Nicholson School of Communication and Media in order to not exceed the 41 credit hour cap, the exceptions being the minors in Film (Cinema Studies) and Digital Media.

Departmental Exit Requirements

- Acceptance of portfolio by faculty.
- To avoid delaying graduation, you must request a review of requirements before registering for your last term.
- Students must achieve a minimum cumulative GPA of 2.0 in all UCF Nicholson School of Communication and Media (NSCM) courses taken in the major.
- All attempts of UCF NSCM courses that could meet major requirements are included in the major GPA calculation, including those taken beyond the minimum required (e.g. additional restricted electives).

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120 Honors In Major

- Application and admissions through The Burnett Honors College and department. More information about Honors in the Major can be found at honors.ucf.edu/research

Related Programs

- English, Creative Writing (B.A.)
- English, Technical Communication (B.A.)
- **NOTE: Minors taught within the Nicholson School of Communication and Media (with the exception of Film, Cinema Studies Minor and Digital Media Minor) are not open to Journalism majors.**
- English, Creative Writing Minor
- English, Linguistics Minor
- English, Literature Minor
- English, Technical Communication Minor
- Writing and Rhetoric Minor
- History Minor
- Magazine Journalism Minor
- Political Science Minor
- Sociology Minor

Advising Notes

- It is the student's responsibility to ensure that course prerequisites have been satisfied before registering for a class.
- Students are urged to contact their school advisor before registering for courses.

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: <http://www.oemas.ucf.edu/alca/academiclearningcompacts.html>

Equipment Fees

- Part-Time Student: \$45 per term
- Full-Time Student: \$90 per term

Journalism Studies Minor

College

College of Sciences

Department

Nicholson School of Communication and Media

Program Type

Minor

Program Contact Information

College of Sciences
Nicholson School of Communication and Media
Nicholson School of Communication & Media Building (NSCM), 130

Associate Instructor & Journalism Program Coordinator: Lance Speere
lance.speere@ucf.edu

Nicholson Academic Student Services Center (NASSC):
407-823-2681
nassc@ucf.edu

Admission Requirements

- Not open to Ad/PR, Journalism, or Radio-TV majors

Program Description

The Journalism Studies minor is well suited for students who seek to better understand the role journalism plays in society as well as the forces that shape journalism. A key component of this minor is media literacy, which is the ability to thoughtfully analyze messages disseminated through the news media.

Minor Requirements

- A minimum GPA of 2.0 is required in all courses used to satisfy minor.
- Grades below a "C" (2.0) are not accepted in the minor.
- At least 12 hours used in the minor must be earned at UCF within the Nicholson School of Communication and Media.

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Degree Requirements

Required Courses

3 Total Credits

- Complete the following:
 - JOU3004 - History of American Journalism (3)

Restricted Electives

15 Total Credits

- Complete all of the following
 - Additional restricted electives can be taken as approved by an advisor.
 - Complete at least 5 of the following:
 - JOU3015 - Principles of Journalism (3)
 - JOU3301 - Journalism Readings (3)
 - JOU3510 - Magazine Publishing (3)
 - JOU4700 - Journalism Ethics (3)
 - MMC2004 - Mass Media (3)
 - MMC3200 - Mass Communication Law (3)
 - MMC4303 - Hispanics in Media in the US (3)
 - MMC4300 - International Media (3)
 - VIC3001 - Visual Communication (3)

Grand Total Credits: **18**

Program Details

Total Undergraduate Credit Hours Required: 18

Other Requirements

- Internship, co-op, or independent study credit cannot be used toward the minor without school permission.

Kurdish Studies Certificate

College

College of Sciences

Department

School of Politics, Security, and International Affairs

Program Type

Certificate

Program Description

College of Sciences
School of Politics, Security, and Intl Affairs
Howard Phillips Hall (HPH), 302
407-823-2608
Politics@ucf.edu

Professor: Dr. Güneş Murat Tezcür
407-823-2040

The Kurdish people are one of the largest ethnic groups forming large minorities in Iran, Iraq, Syria, Turkey, and several European countries. They are also one of the largest ethnic groups without a state of their own in the world. Consequently, the Kurdish question remains one of the most salient trans-border issues in global politics. UCF is home to the nation's first and only academic entity dedicated to the study of Kurdish issues, the Kurdish Political Studies Program. Students who complete this certificate will develop an in-depth understanding and gain unique insights into various dimensions of Kurdish politics. This interdisciplinary certificate will contribute to intellectual growth, knowledge, and skillsets of students seeking careers in the government, academia, non-profit organizations, and private companies working on security and humanitarian issues.

Certificate Admission Requirements

- None

Certificate Requirements

- A grade of "C" (2.00) or better is required for a course to count towards the certificate.
- Nine credit hours used towards the certificate must be earned at UCF. Exceptions may be made at program director's discretion.
- At least one of the restricted electives must be at 3000 level or higher.
- At least three credit hours used towards the certificate must come from courses taken within SPSIA (INR, CPO, POS, or POT prefixes).

Prerequisite Courses

Students must satisfy each course's prerequisites before enrolling in the class.

Program Details

Required Courses

Select one course from the following (if both courses are taken, one will count as an elective)

- CPO 4400 - Kurdish Politics: Identity, Violence, and Democracy **Credit Hours: 3**
- ASH 3244 - History of the Kurds in the Middle East **Credit Hours: 3**

Restricted Electives

Select three courses from the following list.

- ANT 3275 - Anthropological Perspectives on Refugees **Credit Hours: 3**
- ARA 1120C - Elementary Arabic Language and Civilization I **Credit Hours: 4**
- ARA 1121C - Elementary Arabic Language and Civilization II **Credit Hours: 4**
- ARA 2200 - Intermediate Arabic Language and Civilization I **Credit Hours: 3**
- ARA 2201 - Intermediate Arabic II **Credit Hours: 3**
- ASH 3204 - History of Mesopotamia **Credit Hours: 3**
- ASH 3222 - Islam and Its Empires **Credit Hours: 3**
- ASH 3223 - The Modern Middle East **Credit Hours: 3**
- ASH 4243 - History of Iraq **Credit Hours: 3**
- CPO 3034 - Politics of Developing Areas **Credit Hours: 3**
- CPO 3403 - Politics of the Middle East **Credit Hours: 3**
- CPO 3403H - Honors Politics of the Middle East **Credit Hours: 3**
- CPO 4406 - Minorities and Majorities in the Middle East **Credit Hours: 3**
- FOL 1930 - Elementary Kurdish Language and Civilization I **Credit Hours: 4**
- FOL 1931 - Elementary Kurdish Language & Civilization II **Credit Hours: 4**
- INR 4075 - Human Rights Policy **Credit Hours: 3**
- INR 4084 - Politics of International Terrorism **Credit Hours: 3**
- INR 4084H - Honors Politics of International Terrorism **Credit Hours: 3**
- INR 4102 - American Foreign Policy **Credit Hours: 3**
- INR 4274 - International Politics of the Middle East **Credit Hours: 3**
- REL 3320 - Moses, Jesus and Muhammad **Credit Hours: 3**
- REL 3363 - Islam **Credit Hours: 3**

Total Undergraduate Credit Hours Required: 12

Other Requirements

- Internship, Honors in the Major Thesis, independent study, and substitute courses/new courses are allowed with the approval from the certificate advisor (up to 3 credit hours).

Magazine Journalism Minor

College

College of Sciences

Department

Nicholson School of Communication and Media

Program Type

Minor

Program Contact Information

College of Sciences

Nicholson School of Communication and Media

Nicholson School of Communication & Media Building (NSCM), 130

Associate Instructor & Journalism Program Coordinator: Lance Speere

lance.speere@ucf.edu

Nicholson Academic Student Services Center (NASSC)

407-823-2681

nassc@ucf.edu

Admission Requirements

- Grammar proficiency requirement.
- A minimum UCF GPA of 2.5 is required.
- The minor is not open to Ad-PR, Journalism, or Radio-TV majors.

Program Description

Minor Requirements

- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades below "C" (2.0) in lower level courses are not accepted in the minor.
- At least 15 hours used in the minor must be earned at UCF within the Nicholson School of Communication and Media

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Degree Requirements

Required Courses

9 Total Credits

- Complete the following:
 - JOU2100C - News Reporting (3)
 - JOU3510 - Magazine Publishing (3)
 - JOU4447 - Magazine Editing and Production (3)

Restricted Electives

9 Total Credits

- Complete all of the following
 - Additional restricted electives can be taken as approved by an advisor.
 - Complete at least 3 of the following:
 - ENC3310 - Magazine Writing I (3)
 - JOU3310 - Social Media Writing for Magazines (3)
 - JOU3201 - Editing I (3)
 - JOU4213C - Page Design (3)
 - JOU4300 - Feature Writing (3)
 - JOU4340C - Online Journalism I (3)

Grand Total Credits: **18**

Program Details

Total Undergraduate Credit Hours Required: 18

Other Requirements

- Internship, co-op, or independent study credit cannot be used toward the minor without school permission.

Mass Culture and Collective Behavior Minor

College

College of Sciences

Department

Department of Sociology

Program Type

Minor

Program Contact Information

College of Sciences
Sociology Department
Howard Phillips Hall (HPH) 403
sociology@ucf.edu

Lecturer, Social Science Program Director and Sociology Undergraduate Director: Dr. Michael Armato
407-823-7058
michael.armato@ucf.edu

Admission Requirements

- The minor is not open to sociology majors.
- Courses used to satisfy the Restricted Electives of this minor cannot be used to satisfy other sociology minors.

Program Description

This minor provides students with an opportunity to learn about sociological research within the areas of religion, sports, leisure, music, pop culture, and focuses to some extent on how people consume goods and resources in society. This leads to a working knowledge of how public opinion and contemporary social movements shape collective behavior and mass culture. The minor is especially appropriate for students majoring in Interdisciplinary Studies, the social sciences, business, or for any student seeking an enhanced understanding of socio-cultural change within modern society. Given this broad-based set of courses, someone interested in a career in sales, marketing, volunteer organizations, or social media, for example, would find this minor a good fit.

Minor Requirements

- Students must have a minimum GPA of 2.0 in courses used for the minor.
- At least 12 hours used in the minor must be earned at UCF within the Sociology Department.

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Degree Requirements

Required Courses

6 Total Credits

- Complete all of the following
 - Complete the following:
 - SYP4000 - Sociological Social Psychology (3)
 - Complete at least 1 of the following:
 - SYG2000 - Introduction to Sociology (3)
 - SYG2010 - Social Problems (3)

Restricted Electives

12 Total Credits

- Complete all of the following
 - Additional courses can be taken as approved.
 - Complete at least 4 of the following:
 - SYA4650C - Community Action and Involvement (3)
 - SYD4510 - Environment and Society (3)
 - SYD4810 - Women in Contemporary Society (3)
 - SYD4813 - Women, Law and Social Change (3)
 - SYD4820 - Men, Masculinities and Society (3)
 - SYG4244 - Food and Society (3)
 - SYO3000 - Contemporary Society (3)
 - SYO4200 - Religion in Society (3)
 - SYP3300 - Fads, Crowds, and Social Action (3)
 - SYP3323 - Video Games in Society (3)
 - SYP3400 - Social Change (3)
 - SYP3602 - Popular Music in Society (3)
 - SYP3630 - Popular Culture In Society (3)
 - SYP3650 - Sports and Society (3)
 - SYP4004 - Constructing Social Issues (3)
 - SYP4420 - The Consumer Society (3)
 - SYP4014 - Sociology of Happiness (3)
 - SYP4631 - Social Issues in Film (3)

Grand Total Credits: **18**

Program Details

Total Undergraduate Credit Hours Required: 18

Mass Media Minor

College

College of Sciences

Department

Nicholson School of Communication and Media

Program Type

Minor

Program Contact Information

College of Sciences
Nicholson School of Communication and Media
Nicholson School of Communication & Media Building (NSCM), 130

Associate Instructor & Journalism Program Coordinator: Lance Speere
lance.speere@ucf.edu

Nicholson Academic Student Services Center (NASSC)
407-823-2681
nassc@ucf.edu

Admission Requirements

- Not open to Journalism, Radio-TV, or Advertising/Public Relations majors.

Program Description

Minor Requirements

- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades below "C" (2.0) in lower level courses are not accepted in the minor.
- At least 12 hours used in the minor must be earned at UCF within the Nicholson School of Communication and Media.

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the course.

Degree Requirements

Required Courses

6 Total Credits

- Complete the following:
 - MMC2004 - Mass Media (3)
 - RTV3007 - Development and Structure of Electronic Media and New Technology (3)

Restricted Electives

12 Total Credits

- Complete all of the following
 - Additional restricted electives can be taken as approved by an advisor.
 - Complete at least 4 of the following:
 - ADV3008 - Principles of Advertising (3)
 - ADV4103 - Radio-Television Advertising (3)
 - ADV4300 - Advertising Media Planning (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3006 - Art of the Cinema (3)
 - FIL4830 - Motion Picture Genre (3)
 - JOU3004 - History of American Journalism (3)
 - JOU3015 - Principles of Journalism (3)
 - JOU4700 - Journalism Ethics (3)
 - MMC3200 - Mass Communication Law (3)
 - MMC3630 - Social Media as Mass Communication (3)
 - MMC4300 - International Media (3)
 - MMC4602 - Contemporary Media Issues (3)
 - RTV3511 - Production Fundamentals and Aesthetics of Electronic Media (3)
 - RTV4403 - Electronic Media, Technology, and Society (3)
 - RTV4503 - Sports Programming in Electronic Media (3)
 - RTV4700 - Regulation of Broadcasting (3)

Grand Total Credits: **18**

Program Details

Total Undergraduate Credit Hours Required: 18

Other Requirements

- Internship, co-op, or independent study credit can be used toward the minor with prior school permission.

Mathematical Biology Minor

College

College of Sciences

Department

Department of Mathematics

Program Type

Minor

Program Contact Information

College of Sciences
Department of Mathematics
Mathematical Sciences Building (MSB), 207
407-823-6284
math@ucf.edu

Associate Chair & Professor: Dr. Joseph Brennan
407-823-0147
Joseph.Brennan@ucf.edu

Admission Requirements

None.

Program Description

Minor Requirements

- A grade of "C" (2.0) or better is required in all courses used to satisfy the minor.
- At least 6 upper division hours used in the minor must be earned at UCF within the Department of Mathematics.
- This minor is not open to math majors.

Prerequisite Courses

Students must satisfy each course's prerequisites before enrolling in the class.

- BSC 2010C - Biology I **Credit Hours: 4**
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**
- MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**

Degree Requirements

Required Courses

18 Total Credits

- Complete all of the following
 - Complete the following:
 - BSC2011C - Biology II (4)
 - MAC2313 - Calculus with Analytic Geometry III (4)
 - MAP2302 - Ordinary Differential Equations I (3)
 - MAS3105 - Matrix and Linear Algebra (4)
 - Complete at least 1 of the following:
 - MAP4484 - Mathematical Biology (3)
 - MAP4494 - Mathematical Modeling in Biology (3)

Restricted Electives

3 - 4 Total Credits

- Complete all of the following
 - Complete at least 1 of the following:
 - BCH4053 - Biochemistry I (3)
 - PCB3023 - Molecular Cell Biology (3)
 - PCB3044 - Principles of Ecology (3)
 - PCB3063 - Genetics (3)
 - PCB4683 - Evolutionary Biology (4)
 - Additional courses can be taken as approved.

Grand Total Credits: **21 - 22**

Program Details

Total Undergraduate Credit Hours Required: 21

Other Requirements

- Internship, Co-op, or Independent Study credit cannot be used toward the minor.
- Lower division courses do not substitute for Upper Division courses.
- A minimum of 6 credit hours of upper division (3000-4999) level coursework must be performed in residence in the Department of Mathematics at UCF.

Mathematics (B.S.)

College

College of Sciences

Department

Department of Mathematics

Program Type

Major

Program Contact Information

College of Sciences

Department of Mathematics

Mathematical Sciences Building (MSB), 207

407-823-6284

math@ucf.edu

Associate Chair & Professor: Dr. Joseph Brennan

407-823-0147

Joseph.Brennan@ucf.edu

Admission Requirements

None

Program Description

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Departmental Residency Requirement: at least 24 semester hours of regularly scheduled 3000-4000 level courses must be taken from the UCF Mathematics Department.
- Students must earn at least a "C" (2.0) in each course used to satisfy a requirement.
- Students must achieve a minimum cumulative GPA of 2.0 in all courses satisfying major requirements.
- Co-op or internship credit cannot be used in this major.
- Students should consult with a departmental advisor.
- All prerequisites of courses taught within the College of Sciences will be enforced.
- Courses designated in the General Education Program and the Common Program Prerequisites are usually completed in the first 60 hours.

- Prior to enrolling in CHM2045 and any MAC course, you must take the Chemistry Placement Test and Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>

- Note: The following courses will not satisfy any Math degree requirements:
 - MTG 4212 - Modern Geometries
 - MHF 4404 - History of Mathematics

General Education (GEP)

GEP Notes

0 Total Credits

- At least one course completed in each Foundation area must be a designated State General Education Core Course. See the catalog GEP description for more information.

Communication Foundation

9 Total Credits

- Complete all of the following
 - GEP 1 & 2- Communication Foundation
 - Complete all courses from the following:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - Complete at least 1 courses from the following:
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

Historical & Cultural Foundation

9 Total Credits

- Complete all of the following
 - GEP 4- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)

- ARH2051 - History of Western Art II (3)
- FIL1000 - Cinema Survey (3)
- FIL2030 - History of Motion Pictures (3)
- FIL3036 - Film History I (3)
- FIL3037 - Film History II (3)
- LIT2110 - World Literature I (3)
- LIT2120 - World Literature II (3)
- MUH2017 - Survey of Rock Music (3)
- MUH2019 - American Popular Music, 1840s-present (3)
- MUL2016 - Evolution of Jazz (3)
- MUL2720 - Music of the World (3)
- PHI2010 - Introduction to Philosophy (3)
- REL2300 - World Religions (3)
- THE2000 - Theatre Survey (3)
- MUL2010 - Enjoyment of Music (3)
- GEP 6- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
- GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
- GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)

Mathematical Foundation

7 Total Credits

- Complete all of the following
 - GEP 7- Mathematical Foundation
 - Complete all of the following
 - Prior to enrolling in any MAC course, take Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
 - Complete the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - GEP 8- Mathematical Foundation
 - Complete the following:
 - COP3502C - Computer Science I (3)

Social Foundation

6 Total Credits

- Complete all of the following

- GEP 9- Social Foundation
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - Complete the following:
 - ECO2023 - Principles of Microeconomics (3)

Science Foundation

6 - 8 Total Credits

- Complete all of the following
 - GEP 11- Science Foundation
 - Complete all of the following
 - (PHY2048 and PHY2048L) or PHY2048C or CHM2045C - Preferred
 - Prior to enrolling in CHM2045, take the Chemistry Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
 - Complete at least 1 courses from the following:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - GEP 12- Science Foundation
 - Complete all of the following
 - BSC2010C - Preferred
 - Complete at least 1 courses from the following:
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **37 - 39**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - In addition to completing all of the required GEP (MAC2311C and COP3502C),
 - Complete the following:
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - MAC2313 - Calculus with Analytic Geometry III (4)
 - MAP2302 - Ordinary Differential Equations I (3)
 - If not completed as a part of the GEP, one of the following courses is also required: BSC2010C, CHM2045C, PHY2048C or PHY2048/PHY2048L.

Grand Total Credits: **11**

Degree Requirements

Core Requirements: Basic Level

4 Total Credits

- Complete all of the following
 - Basic Core
 - All courses specifically identified in the GEP (MAC2311C and COP3502C) and the CPP (MAC2312, MAC2313, MAP2302 and one of CHM2045C, BSC2010C, or PHY2048/PHY2048L or PHY2048C) are required in this program.
 - Science Core
 - Complete all of the following
 - Selection of the science sequence may need to reflect the student's track. Consult the requirements of the track before selecting the science sequence.
 - The Mathematical Biology track requires both of the following sequences: chemistry (CHM2045C, CHM2046, and CHM2046L) and biology (BSC2010C and BSC 2011C).
 - The Engineering/Physics track requires the following sequence: PHY2048C (or PHY2048 and PHY2048L) and PHY2049C (or PHY2049 and PHY2049L).
 - Earn at least 4 credits from the following types of courses:
 - The Science Core can be completed by earning 4 credits in any of the following:
 - - CHM2045C (may be fulfilled by GEP or CPP) and - CHM2046 and CHM2046L or - BSC2010C (may be fulfilled by GEP or CPP) and - BSC2011C or - PHY2048C (or PHY2048 and PHY2048L) (may be fulfilled by GEP or CPP) and - PHY2049C (or PHY2049 and PHY2049L)

Core Requirements: Advanced

14 Total Credits

- Complete all of the following
 - Complete the following:
 - MAA4226 - Advanced Calculus I (4)
 - MAS3105 - Matrix and Linear Algebra (4)
 - Course Not Found
 - MAS4301 - Abstract Algebra I (3)
 - MHF3302 - Logic and Proof in Mathematics (3)
 - Students are strongly encouraged to take MAA4226 (Capstone) as early as is practicable in their program.
 - Substitution of COT3100 for MHF3302 is possible with approval of Department Undergraduate Coordinator.

Restricted Electives

18 - 39 Total Credits

- Complete 1 of the following
 - General Mathematics Track
 - Complete all of the following
 - Earn at least 3 credits from the following types of courses:
 - Any 4000 or 5000 level courses with an MAP or MAT prefix offered by the Department of Mathematics
 - Earn at least 3 credits from the following types of courses:
 - Any 4000 or 5000 level courses with an MAA, MAD, MAS or MTG prefix offered by the Department of Mathematics, except MTG 4212.
 - Earn at least 12 credits from the following types of courses:
 - Any 4000 or 5000 level courses offered by the Department of Mathematics except MTG 4212 or MHF 4404.
 - Additional Mathematics courses can be taken as approved.
 - Mathematical Biology Track
 - Complete all of the following
 - Track Prerequisites
 - If not completed as a part of the GEP, CPP, and Core: Basic Requirements, The Mathematical Biology track requires the following sequences: - CHM2045C, CHM2046 and CHM2046L or - BSC2010C and BSC2011C
 - Track Requirements
 - Complete all of the following
 - Complete the following:
 - CHM2210 - Organic Chemistry I (3)
 - CHM2211 - Organic Chemistry II (3)

- MAP4484 - Mathematical Biology (3)
 - Earn at least 3 credits from the following types of courses:
Any 4000 or 5000 level course with an MAP or MAT prefix offered by the Department of Mathematics
 - Earn at least 3 credits from the following types of courses:
Any 4000 or 5000 level course with an MAA, MAD, MAS or MTG prefix offered by the Department of Mathematics except MTG 4212.
 - Earn at least 9 credits from the following types of courses:
Select from lecture courses listed in the restricted electives areas of the Biology B.S. and/or the Biomedical Sciences bachelors programs.
 - Earn at least 9 credits from the following types of courses:
Statistics courses offered by the Department of Statistics and Data Science, 6 credit hours of which are at the upper division (3000-4999) level.
- Mathematical Economics Track
- Complete all of the following
 - Track Prerequisites
 - Complete ECO2023 as a part of the GEP.
 - Track Requirements
 - Complete all of the following
 - Complete the following:
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO3101 - Intermediate Microeconomics (3)
 - ECO3203 - Intermediate Macroeconomics (3)
 - ECO3410 - Mathematical Economics (3)
 - ECO4412 - Econometrics I (3)
 - MAP4113 - Probability, Random Processes and Applications (3)
 - MAP4640 - Financial Mathematics (3)
 - STA2023 - Statistical Methods I (3)
 - STA4321 - Statistical Theory I (3)
 - Earn at least 3 credits from the following types of courses:
Any 4000 or 5000 level courses with an MAA, MAD MAS or MTG prefix offered by the Department of Mathematics except MTG 4212.
 - Additional courses can be taken as approved.
 - Earn at least 6 credits from the following:
 - ECO3703 - International Microeconomics (3)
 - ECO4504 - Public Economics (3)
 - ECO4713 - International Macroeconomics (3)
 - ECP4303 - Environmental and Natural Resource Economics (3)
 - ECP4403 - Industrial Organization (3)
 - STA4322 - Statistical Theory II (3)
 - Additional courses can be taken as approved.
- Computational Track
- Complete all of the following
 - Track Prerequisites
 - Complete COP3502C as a part of the GEP, CPP, or Core: Basic Requirements.
 - Track Requirements
 - Complete all of the following
 - Complete the following:
 - COP3503C - Computer Science II (3)
 - MAP4303 - Ordinary Differential Equations II (3)
 - MAP4341 - Introduction to Partial Differential Equations (3)
 - MAP4371 - Numerical Methods for Differential Equations (3)
 - MAP4384 - Numerical Methods for Computational Sciences (3)
 - STA2023 - Statistical Methods I (3)
 - STA4321 - Statistical Theory I (3)
 - Earn at least 3 credits from the following types of courses:
Any 4000 or 5000 level courses with an MAA, MAD, MAS or MTG prefix offered by the Department of Mathematics except MTG 4212.
 - Earn at least 3 credits from the following types of courses:
Any 4000 or 5000 level courses offered by the Department of Mathematics except for MTG 4212 or MHF 4404.

- Earn at least 9 credits from the following:
 - COP3402 - Systems Software (3)
 - COP4020 - Programming Languages I (3)
 - COT4210 - Discrete Structures II (3)
 - COP4331C - Processes for Object-Oriented Software Development (3)
 - COP4600 - Operating Systems (3)
 - EEL4768 - Computer Architecture (3)
 - Additional courses can be taken as approved.
- Engineering/Physics Track
 - Complete all of the following
 - Track Prerequisites
 - Complete PHY2048C (or PHY2048 and PHY2048L) and PHY2049C (or PHY2049 and PHY2049L) as a part of the GEP, CPP, and/or Core: Basic Requirements.
 - Track Requirements
 - Complete all of the following
 - Complete the following:
 - MAA4402 - Introduction to Complex Variables (3)
 - MAP4103 - Mathematical Modeling I (3)
 - MAP4341 - Introduction to Partial Differential Equations (3)
 - PHY3101 - General Physics Using Calculus III (3)
 - Complete at least 1 of the following:
 - EGN3321 - Engineering Analysis-Dynamics (3)
 - MAP4303 - Ordinary Differential Equations II (3)
 - MAP5435 - Advanced Mathematics for Engineers (3)
 - PHZ3113 - Introduction to Theoretical Methods of Physics (3)
 - Complete at least 1 of the following:
 - COT4500 - Numerical Calculus (3)
 - EGN3211 - Engineering Analysis and Computation (3)
 - EGN3420 - Engineering Analysis (3)
 - MAP4371 - Numerical Methods for Differential Equations (3)
 - MAP4384 - Numerical Methods for Computational Sciences (3)
 - PHZ3151 - Computer Methods in Physics (3)
 - Complete at least 1 of the following:
 - EGN3310 - Engineering Analysis-Statics (3)
 - PHY3220 - Mechanics I (3)
 - Complete at least 1 of the following:
 - EGN3343 - Thermodynamics (3)
 - PHY3513 - Thermal and Statistical Physics (3)
 - Earn at least 6 credits from the following:
 - CES4100C - Structural Analysis I and Lab (4)
 - EAS3101 - Fundamentals of Aerodynamics (3)
 - EEL3004C - Linear Circuits I (3)
 - EGM3601 - Solid Mechanics (3)
 - EGN3331C - Mechanics of Materials (3)
 - Course Not Found
 - PHY4604 - Wave Mechanics I (3)
 - PHY4605 - Wave Mechanics II (3)
 - Earn at least 6 credits from the following:
 - CWR3201 - Engineering Fluid Mechanics (3)
 - EAS4105 - Flight Mechanics (3)
 - EAS4200 - Analysis & Design of Aerospace Structures (3)
 - EAS4400 - Spacecraft Attitude Dynamics (3)
 - EAS4505 - Orbital Mechanics (3)
 - EEE3342C - Digital Systems (3)
 - EEL3470 - Electromagnetic Fields (3)
 - EEL3552C - Signal Analysis and Analog Communication (4)
 - EEL3657 - Linear Control Systems (3)
 - EEL3801C - Computer Organization (4)
 - EEL4742C - Embedded Systems (3)

- EEL4750 - Digital Signal Processing Fundamentals (3)
 - EEL4832 - Engineering Applications of Computer Methods (3)
 - EEL4851C - Engineering Data Structures (4)
 - EGN3365 - Structure and Properties of Materials (3)
 - EGN3613 - Engineering Economic Analysis (2)
 - EIN4333 - Production and Distribution Systems (3)
 - EMA4223 - Fundamentals of Mechanical Behavior of Materials (3)
 - EML3262 - Kinematics of Mechanisms (3)
 - EML3701 - Fluid Mechanics I (3)
 - EML4142 - Heat Transfer (3)
 - EML4225 - Introduction to Vibrations and Controls (3)
 - EML4313 - Intermediate System Dynamics and Controls (3)
 - EML4703 - Fluid Mechanics II (3)
 - ENV4561 - Advanced Environmental Engineering Operations & Processes (3)
 - ESI4234 - Quality Engineering (3)
 - ESI4523 - Systems Simulation (3)
 - PHY3323 - Electricity and Magnetism I (3)
 - PHY4324 - Electricity and Magnetism II (3)
 - STA4321 - Statistical Theory I (3)
 - STA4322 - Statistical Theory II (3)
 - Complete at least 1 of the following:
 - MAD4203 - Introduction to Combinatorics (3)
 - MAD4301 - Introduction to Graph Theory (3)
 - Additional courses can be taken as approved.
- Mathematical Data Analysis Track
- Complete all of the following
 - Complete the following:
 - MAD4203 - Introduction to Combinatorics (3)
 - MAD4301 - Introduction to Graph Theory (3)
 - MAP4112 - Mathematical Foundations of Machine Learning and Artificial Intelligence (3)
 - MAP4113 - Probability, Random Processes and Applications (3)
 - MAP4191 - Mathematical Modeling of Data (3)
 - MTG4324 - Topological Data Analysis (3)
 - Earn at least 6 credits from the following types of courses:
Upper division (3000-4999) statistics courses offered by the Department of Statistics and Data Science.
 - Earn at least 6 credits from the following types of courses:
4000 level (4000- 4999) courses in the Department of Computer Science.

Capstone Requirement

4 Total Credits

- Complete all of the following
 - Students are strongly encouraged to complete this course as early as is practicable in their program.
 - Complete the following:
 - MAA4226 - Advanced Calculus I (4)

Grand Total Credits: **40 - 61**

Program Details

Total Undergraduate Credit Hours Required: 120

Electives

- If track allows, to fulfil the 120 hours required of this degree, select electives primarily from upper level courses and with departmental advisor's approval. May be outside of the department.

Foreign Language Requirements

Graduation

- None

Departmental Exit Requirements

- Earn a grade of "C" (2.0) or better in each course used to satisfy the degree program.
- Students must achieve a minimum cumulative GPA of 2.0 in all courses satisfying major requirements.
- Participate in an exit interview.
- Fulfill Exit Examination requirement.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Honors In Major

- Application and admission through the Department and the Burnett Honors College. More information about Honors in the Major can be found at honors.ucf.edu/research
- Fulfill University requirements for Honors in the Major.

Related Programs

- Aerospace Engineering (B.S.A.E.)
- Biology (B.S.)
- Biomedical Sciences (B.S.)
- Chemistry (B.S.)
- Computer Science (B.S.)
- Economics (B.S.)
- Electrical Engineering - Accelerated Undergraduate-Graduate (B.S.E.E. / M.S.E.E.)
- Industrial Engineering (B.S.I.E.)
- Secondary Education, Mathematics Education Track (B.S.)
- Mechanical Engineering (B.S.M.E.)
- Physics (B.S.)
- Statistics (B.S.)
- Actuarial Science Minor
- Bioengineering Minor
- Biology Minor
- Biomedical Sciences (B.S.)
- Chemistry Minor
- Computer Science Minor
- Economics Minor
- Education Minor
- Environmental Studies Minor
- Information Technology Minor
- Mathematics Minor
- Mathematics Education Minor
- Physics Minor
- Statistics Minor
- Technological Entrepreneurship Minor

Advising Notes

- Students should consult with a department advisor.
- Students with adequate preparation can consult with the department undergraduate advisor on substituting graduate classes for departmental electives.
- Contact your college advisor in the College of Sciences Advising Services (COSAS) office (CSB 250) for more information about overall progress toward your degree, GEP and other university requirements, academic probation, special problems as well as general academic advising.

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.
- Submit your requests for course evaluations at <https://sciences.ucf.edu/cosas/> and click on "COS Course Evaluation".
- The following substitutions are acceptable for common program prerequisites if taken as part of the AA course work prior to transferring to UCF:
 - Computer Programming: may use any programming course with a COP prefix.
 - Laboratory Science: may use any GLY, PHY, CHM or BSC course with a lab designed for science majors; however, the biology, chemistry and physics classes are core requirements and still must be taken.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oemas.ucf.edu/alc/academic_learning_compacts.htm

Mathematics Minor

College

College of Sciences

Department

Department of Mathematics

Program Type

Minor

Program Contact Information

College of Sciences

Department of Mathematics

Mathematical Sciences Building (MSB), 207

407-823-6284

math@ucf.edu

Associate Chair & Professor: Dr. Joseph Brennan

407-823-0147

Joseph.Brennan@ucf.edu

Admission Requirements

- The minor is not open to mathematics or math education majors.

Program Description

Minor Requirements

- A grade of "C" (2.0) or better is required in all courses used to satisfy the minor.
- At least 6 hours of upper-division courses used in the minor must be earned at UCF within the Department of Mathematics.

Prerequisite Requirements

Students must satisfy each course's prerequisites before enrolling in the class.

- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**

Degree Requirements

Required Courses

15 Total Credits

- Complete the following:
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - MAC2313 - Calculus with Analytic Geometry III (4)
 - MAP2302 - Ordinary Differential Equations I (3)
 - MAS3105 - Matrix and Linear Algebra (4)

Restricted Electives

3 Total Credits

- Complete all of the following
 - Earn at least 3 credits from the following types of courses:
Select 3 credit hours from 3000 or 4000 level courses offered by the Department of Mathematics
 - The following courses CANNOT be used in this minor: MAS 3106 - Linear Algebra Credit Hours: 4
MHF 3302 - Logic and Proof in Mathematics Credit Hours: 3 MHF 4404 - History of Mathematics
Credit Hours: 3 MTG 4212 - Modern Geometries Credit Hours: 4

Grand Total Credits: **18**

Program Details

Total Undergraduate Credit Hours Required: 18

Other Requirements

- Internship, Co-op, or Independent Study credit cannot be used toward the minor.
- A minimum of 6 credit hours of upper division (3000-4999) level coursework must be performed in residence in the Department of Mathematics at UCF.

Media Production and Management (B.A.)

College

College of Sciences

Department

Nicholson School of Communication and Media

Program Type

Major

Program Contact Information

College of Sciences
Nicholson School of Communication and Media
Nicholson School of Communication & Media Building (NSCM), 130

Associate Professor & Media Production and Management Program Coordinator: William Kinnally

william.kinnally@ucf.edu

Nicholson Academic Student Services Center (NASSC):
407-823-2681
nassc@ucf.edu

Admission Requirements

- The Media Production and Management program is a limited access program that requires a separate application.
- Students should apply to become Media Production and Management majors only after completing all requirements for admission.
- Attain an overall minimum 2.25/4.00 GPA based on a minimum of 30 credit hours of college work. Note: meeting the minimum GPA does not guarantee admission since students are admitted on a space available basis. The GPA cut-off varies each term with the quality of applicants, and during previous years, ranged upward from a minimum of 2.9.
- Receive a positive evaluation of other factors specified by the Nicholson School of Communication and Media.
- See an NASSC advisor for additional admission criteria.
- For admission to the program, students must complete or be enrolled into and complete, RTV 3007 with at least a "C" (2.0) or better (if in progress at the time of admission, students who do not earn a "C" (2.0) or better will be removed from the program).
- Students must be in good academic standing.
- Meet a grammar proficiency standard ("B" (3.0) grades or better in the following courses or pass the grammar proficiency exam).
 - ENC 1101 - Composition I **Credit Hours: 3**
 - ENC 1102 - Composition II **Credit Hours: 3**

Application Deadlines:

- October 1 to be admitted the next spring term;
- February 1 to be admitted the next summer term;
- June 1 to be admitted the next fall term.

Program Description

Degree Requirements

- Students must achieve a minimum cumulative GPA of 2.0 in all UCF Nicholson School of Communication and Media (NSCM) courses taken in the major.
- All attempts of UCF NSCM courses that could meet major requirements are included in the major GPA calculation, including those taken beyond the minimum required (e.g. additional restricted electives).
- Students who change degree programs (other than from Media Production and Management Pending) and select this major must adopt the most current catalog.
- Students may complete an internship off campus in a professional media production company or corporate operation with advisor's approval.
- Internship credit may be used in this major with prior school permission.
- Co-op credit may be used in this major with prior approval from a Media Production and Management advisor.
- Students must consult with a school advisor.
- School residency requirement consists of at least 24 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF Nicholson School of Communication and Media.
- Of the 120 hours required for graduation, 72 hours must be taken outside of the disciplines of Communication and Media Studies (Media Production and Management & Journalism) represented within the Nicholson School of Communication and Media.
- Media Production and Management (MPM) majors must select their required minor from outside the Mass Media (MPM and JOU) programs to remain below the 48 credit hour school maximum.
- Students seeking to change tracks from Media Management and Operations to Production once accepted into the major, must re-apply to the Media Production and Management major under the Production track.
- A maximum of three credit hours of internship may be earned in one semester. Internship credit, plus all other hours taken within the school, must not exceed 48 hours.
- To receive credit for an internship, students must have a 2.5 GPA in their required major courses. Students with less than a 2.5 GPA will not be given academic internship credit.
- A maximum of three credit hours of internship may be earned within the 46 credit hour school maximum within the 120 credit hours required for graduation. A maximum of six credit hours of internship may be earned within the 120 credit hours required for graduation. Summer internships are available during "C" term only.
- All prerequisites of courses taught within the College of Sciences will be enforced.
- Courses designated in 1 (General Ed Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.

General Education (GEP)

36 - 39 Total Credits

- Complete all of the following
 - At least one course completed in each Foundation area must be a designated State General Education Core Course.
GEP 1 & 2- Communication Foundation
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete 1 of the following
GEP 3- Communication Foundation
 - SPC1608 - Preferred
 - Earn a minimum grade of C in each of the following:
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - Earn a minimum grade of C in each of the following:
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Complete all of the following
GEP 4- Historical & Cultural Foundation
 - AMH2010 - Preferred
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)

- EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
- GEP 5- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - GEP 6- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - GEP 7- Mathematical Foundation
 - Complete all of the following
 - MAC1105C, MGF1106, or MGF1107 - Preferred
 - You may substitute a higher level math with appropriate scores on the Math Placement Test, see: <https://www.sdes.ucf.edu/placement-tests/>
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)

- MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
- GEP 8- Mathematical Foundation
 - Complete all of the following
 - CGS1060C, STA2014, or STAA2023 - Preferred
 - Complete at least 1 courses from the following:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)
- GEP 9- Social Foundation
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
- GEP 10- Social Foundation
 - Complete all of the following
 - POS2041 - Preferred
 - Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
- GEP 11- Science Foundation
 - Complete at least 1 courses from the following:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
- GEP 12- Science Foundation
 - Complete at least 1 courses from the following:
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36 - 39**

Degree Requirements

Core Requirements: Basic Level
12 Total Credits

- Complete all of the following
 - These courses may be taken before applying to the major. Must earn at least a "C" (2.0) or better in each of the basic-core requirement and restricted elective in the major.
 - In addition to completing either SPC1603C or SPC1608 in the GEP (with a "C" or better),
 - Complete the following:
 - MMC3200 - Mass Communication Law (3)
 - RTV3007 - Development and Structure of Electronic Media and New Technology (3)
 - RTV3511 - Production Fundamentals and Aesthetics of Electronic Media (3)
 - RTV4403 - Electronic Media, Technology, and Society (3)

Core Requirements: Advanced Level
6 Total Credits

- Complete all of the following
 - These courses are only available to students who have been accepted into the major.
 - Reminder: must earn at least a "C" (2.0) for all core requirements and restricted electives in the major.
 - Complete the following:
 - MMC3420 - Mass Media Research Methods (3)
 - RTV2100 - Writing for the Electronic Media (3)

Restricted Electives
28 - 32 Total Credits

- Complete 1 of the following
 - Specialization: Select one area and complete the credit hours required by that specialization.
 - Must earn at least a "C" (2.0) or better in each core requirement and restricted elective in the major.
 - Production
 - Complete all of the following
 - Required:
 - Complete the following:
 - RTV3531 - Principles of Videography (3)
 - RTV3543C - Principles of Studio Production (4)
 - RTV3576C - Principles of Post Production (3)
 - RTV4544 - Media Production Capstone (4)
 - Select from the following:
 - Complete all of the following
 - Earn at least 14 credits from the following:
 - RTV3556C - Audio Production I (3)
 - RTV3571C - Advanced Video Post-Production (3)
 - RTV3581C - Lighting and Advanced Videography (3)
 - RTV3942L - Practicum (1 - 3)
 - RTV3590C - Production of Interactive Multimedia (3)
 - RTV4561C - Radio Production and Programming (3)
 - RTV4591C - Webcasting I (3)
 - RTV4941 - Internship (1 - 99)
 - RTV4941 may be taken for a maximum of 3 hours.
 - Capstone Requirement
 - Complete the following:
 - RTV4544 - Media Production Capstone (4)
 - Media Management & Operations
 - Complete all of the following
 - Required
 - Complete the following:
 - RTV3531 - Principles of Videography (3)
 - RTV3576C - Principles of Post Production (3)
 - Group A Electives:
 - Earn at least 16 credits from the following:
 - ADV4103 - Radio-Television Advertising (3)
 - JOU3015 - Principles of Journalism (3)

- RTV3942L - Practicum (1 - 3)
- RTV3590C - Production of Interactive Multimedia (3)
- RTV3601C - Broadcast Announcing and Performance (3)
- RTV4401 - Mass Media Effects (3)
- RTV4406 - Electronic Media Audience Measurement (3)
- RTV4505 - Program Issues for TV & Motion Pictures (3)
- RTV4561C - Radio Production and Programming (3)
- RTV4591C - Webcasting I (3)
- RTV4700 - Regulation of Broadcasting (3)
- RTV4800 - Broadcast Management (3)
- RTV4906 - Directed Independent Study (1 - 99)
- RTV4941 - Internship (1 - 99)

Group B Electives:

- Earn at least 6 credits from the following:
 - ADV3008 - Principles of Advertising (3)
 - COM4110 - Business and Professional Communication (3)
 - MMC3630 - Social Media as Mass Communication (3)
 - PUR4000 - Public Relations (3)
 - RTV4503 - Sports Programming in Electronic Media (3)

Grand Total Credits: **46 - 50**

Program Details

Electives

- To fulfill the 120 hours required of this degree, 72 hours must be taken outside of the disciplines of Communication (Advertising/Public Relations, Human Communication, and Communication & Conflict) and Mass Media (Media Production and Management, and Journalism). Minors in Film and Digital Media are permitted.

Foreign Language Requirement

Graduation

- Proficiency equivalent to two semesters of college instruction in a foreign language (taught by the Department of Modern Languages and Literatures or Judaic Studies) or in American Sign Language (ASL). Standardized examinations for foreign languages may be used. ASL proficiency is met by successful completion of ASL 2140 and ASL 2150 or an appropriate score on the ASL proficiency exam. Contact the Department of Communication Sciences and Disorders (<https://healthprofessions.ucf.edu/csd/>) regarding the ASL proficiency examination. Consult with the NSCM advising staff to understand how choosing ASL impacts hours needed to graduate.

Required Minors

- Media Production and Management (MPM) majors must complete a minor of at least 18 hours in an academic area outside the Mass Media programs (MPM and JOU).
- The following minors are suggested to complement the MPM major, but any minor except those in the Mass Media programs (MPM & JOU), may be taken:
 - Digital Media Minor
 - Film, Cinema Studies Minor
 - English, Creative Writing Minor
 - Political Science Minor
 - Sociology Minor
 - Theatre Minor

Departmental Exit Requirements

- To avoid delaying graduation, you must request a review of requirements before registering for your last term.
- Students must achieve a minimum cumulative GPA of 2.0 in all UCF Nicholson School of Communication and Media (NSCM) courses taken in the major.
- All attempts of UCF NSCM courses that could meet major requirements are included in the major GPA calculation, including those taken beyond the minimum required (e.g. additional restricted electives).

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120 Honors In Major

- Application and admissions through The Burnett Honors College. More information about Honors in the Major can be found at honors.ucf.edu/research.

Related Programs

- Advertising/Public Relations (B.A.)
- Digital Media (B.A.)
- Film (B.F.A.)
- Journalism (B.A.)
- Theatre Studies (B.A.)
- **NOTE: Minors taught within the Nicholson School of Communication and Media are not open to Media Production and Management majors.**
- Digital Media Minor
- Film, Cinema Studies Minor
- Marketing Minor
- Theatre Minor

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: <http://www.oemas.ucf.edu/alc/academiclearningcompacts.html>

Equipment Fees

- Part-Time Student: \$45 per term
- Full-Time Student: \$90 per term

Medical Anthropology Minor

College

College of Sciences

Department

Department of Anthropology

Program Type

Minor

Program Contact Information

**College of Sciences
Anthropology Department
Howard Phillips Hall (HPH), 309
407-823-2227
anthro@ucf.edu**

Associate Professor: Dr. Joanna Mishtal
joanna.mishtal@ucf.edu

Admission Requirements

- The minor is not open to anthropology majors.

Program Description

The Medical Anthropology minor develops students' understanding of health from the perspective of human cultural and biological diversity. Current trends in education and employment show a growing need for medical anthropology knowledge and expertise in a variety of national and international career directions. This Minor therefore prepares students for future graduate studies and work in health professions, including medicine, global health, nursing, and social work.

Minor Requirements

- Students must earn a grade of "C" (2.0) or better in all courses used to satisfy the minor.
- At least 15 hours used in the minor must be earned at UCF within the Anthropology Department.
- Only two anthropology courses can overlap for students enrolled in multiple anthropology programs (minors or certificates). (Note: The myKnight Audit cannot capture overlapping courses between two or more programs; therefore, students should have their program reviewed by the department before filing for graduation.)

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Degree Requirements

Required Courses

6 Total Credits

- Complete the following:
 - ANT4408 - Culture, Disease, and Healing (3)
 - ANT4462 - Medical Anthropology (3)

Restricted Electives

12 - 13 Total Credits

- Complete at least 4 of the following:
 - ANT3148 - Life and Death in Ancient Egypt (3)
 - ANT3169 - Life and Death in the Ancient Andes (3)
 - ANT3275 - Anthropological Perspectives on Refugees (3)
 - ANT3290 - Anthropology of Plants and People (3)
 - ANT3302 - Sex, Gender and Culture (3)
 - ANT3701 - Engagement & Social Change: Public Anthropology (3)
 - ANT4013 - Anthropology of Fast Food (3)
 - ANT4081 - Science, Technology, and Culture (3)
 - ANT4184 - Mortuary Archaeology (3)
 - ANT4406 - Pain and Suffering: The Anthropology of Violence (3)
 - ANT4467 - Nutritional Anthropology (3)
 - ANT4480 - Global Health in Anthropological Perspective (3)
 - ANT4481 - Anthropology of Drugs and Addiction (3)
 - ANT4482 - Anthropology of Mental Health (3)
 - ANT4483 - Health and Healing in the Ancient World: An Anthropological Perspective (3)
 - ANT4516 - Human Biological Diversity (3)
 - ANT4521 - Forensic Anthropology (3)
 - ANT4525C - Human Osteology (4)
 - ANT4560 - Birth to Death: Anthropological Perspectives on Human Growth (3)
 - ANT4802 - Ethnographic Field Methods (3)

Grand Total Credits: **18 - 19**

Program Details

Total Undergraduate Credit Hours Required: 18

Other Requirements

- Relevant Internship, Research, or Independent Study credit can be used to replace one elective course only with prior approval from the minor advisor.
- One substitution for a Restricted Elective Course with another relevant course will be allowed with prior approval from the Medical Anthropology Minor advisor.

Medical Sociology Minor

College

College of Sciences

Department

Department of Sociology

Program Type

Minor

Program Contact Information

**College of Sciences
Sociology Department
Howard Phillips Hall (HPH), 403
407-823-3744
sociology@ucf.edu**

Lecturer, Social Science Program Director and Sociology Undergraduate Director: Dr. Michael Armato
407-823-0758
michael.armato@ucf.edu

Admission Requirements

- The minor is not open to sociology majors.
- Courses used to satisfy the Restricted Electives of this minor cannot be used to satisfy other sociology minors.

Program Description

The Medical Sociology minor examines the social determinants of health and illness, and their impact on the delivery of health care and access to medical resources. The minor also examines the role social forces play in the way society views, treats, understands, and responds to illness and disease. This minor promotes an understanding of health and illness from a sociological perspective and prepares students for careers and graduate school in health related fields.

Minor Requirements

- Students are expected to have a minimum GPA of 2.0 in courses used for the minor.
- At least 12 hours used in the minor must be earned at UCF within the Sociology Department.

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Degree Requirements

Required Courses

6 Total Credits

- Complete all of the following
 - Complete the following:
 - SYO4400 - Medical Sociology (3)
 - Complete at least 1 of the following:
 - SYG2000 - Introduction to Sociology (3)
 - SYG2010 - Social Problems (3)

Restricted Electives

12 Total Credits

- Complete all of the following
 - Additional courses can be taken as approved.
 - Complete at least 4 of the following:
 - SYD3805 - Sociology of Sexualities (3)
 - SYD4020 - Birth, Death, and Population Trends (3)
 - SYG4244 - Food and Society (3)
 - SYO3408 - Animals and Health (3)
 - SYO3410 - Mental Health in Society (3)
 - SYO4401 - Social Determinants of Health (3)
 - SYO4402 - Sociology of Health and Illness Behavior (3)
 - SYO4424 - Men, Masculinities, and Health (3)
 - SYO4428 - Sociology of Health Care (3)
 - SYP3060 - Sociology of Sex and Reproduction (3)
 - SYP3551 - Alcohol in Society (3)
 - SYP4550 - Drug Use in Society (3)
 - SYP4730 - Aging in Society (3)
 - SYP4731 - Health and Positive Aging (3)

Grand Total Credits: **18**

Program Details

Total Undergraduate Credit Hours Required: 18

Native American Studies Certificate

College

College of Sciences

Department

Department of Anthropology

Program Type

Certificate

Program Contact Information

College of Sciences

Anthropology Department

Howard Phillips Hall (HPH), 309

407-823-2227

anthro@ucf.edu

Associate Lecturer & Undergraduate Coordinator: Dr. Sandra Wheeler

sandra.wheeler@ucf.edu

Program Description

This certificate provides students with a broad and diverse background in the archaeology, history and culture of Native American peoples throughout North America, Central America and South America. While this certificate has a primary focus in anthropology, course work in other departments provides a multidisciplinary approach to the study of native peoples of the Americas. This Certificate is appropriate for all UCF undergraduates and it provides an alternative to students majoring in anthropology who wish to focus on Native American Studies, but who are precluded from completing the American Indian Studies Minor.

Certificates will be awarded only at the time of degree completion.

Admission Requirements

- None

Certificate Requirements

- A minimum overall 2.0 GPA is required in courses used to satisfy the requirement.
- At least 12 hours used toward the certificate must be earned at UCF within the participating departments.
- Anthropology majors may apply only two anthropology courses from the Certificate program curriculum toward the Anthropology Major course requirements.
- Only two anthropology courses can overlap for students enrolled in multiple anthropology programs (minors and certificates). (Note: The myKnight Audit cannot capture overlapping courses between two or more programs; therefore, students should have their program reviewed by the department before filing for graduation.)

Prerequisite Courses

- Most courses for this certificate will have prerequisites completed as a part of a student's GEP requirement, as general electives, or a student can enroll into courses with consent of instructor.

Degree Requirements

Required Courses

6 Total Credits

- Complete the following:
 - ANT3245 - Native American Religions (3)
 - ANT3312 - Ethnology of North American Indians (3)

Restricted Electives

9 Total Credits

- Complete at least 3 of the following:
 - AMH2010 - U.S. History: 1492-1877 (3)
 - AMH2020 - U.S. History: 1877-Present (3)
 - AMH3441 - History of the Frontier: Eastern America (3)
 - AMH3580 - North American Indians (3)
 - AML3643 - Contemporary Native American Prose and Poetry (3)
 - ANT3152 - Archaeology of the Greater Southwest (3)
 - ANT3158 - Florida Archaeology (3)
 - ANT3160 - Americas Before Columbus (3)
 - ANT3161 - Ancient Mexico: Aztec to Zapotec (3)
 - ANT3163 - Mesoamerican Archaeology (3)
 - ANT3164 - Ancient Incas (3)
 - ANT3165 - Archaeology of South America (3)
 - ANT3168 - Maya Archaeology (3)
 - ANT3311 - Indians of the Southeastern United States (3)
 - ANT4153 - North American Archaeology (3)
 - CPO4794 - Indigenous Politics and the Environment (3)
 - POS3076 - American Indian Politics (3)

Grand Total Credits: **15**

Program Details

Total Undergraduate Credit Hours Required: 15

Other Requirements

- Course substitutions must be approved in advance by the Director of the Native American Studies Program.

Physics (B.A.)

College

College of Sciences

Department

Department of Physics

Program Type

Major

Program Contact Information

College of Sciences
Department of Physics
Physical Sciences Building (PSB), 430
407-823-2325
physics@ucf.edu

Associate Lecturer & Undergraduate Program Director: Dr. Elena Flitsiyan
407-823-1156

Admission Requirements

None

Program Description

Physics majors can select from two curricular options: a B.A. or B.S. in Physics. The B.A. gives students the flexibility to combine physics with another focus area in an interdisciplinary program, in particular Physics Education, Biophysics, Information Technology/Data Science, or Technical Writing.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Grades below "C" (2.0) in any required physics or mathematics courses are not acceptable; they must be repeated with a higher grade.
- Students must achieve a minimum cumulative GPA of 2.0 in all courses taken that could meet major requirements. All attempts that could meet requirements are included in the major GPA calculation. All attempts of courses listed for the major taken beyond the minimum required are included in the GPA calculation (e.g., additional restricted electives).
- The Departmental Residency Requirement consists of at least 15 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF Department of Physics.
- Physics majors are discouraged from taking courses as a transient student at a Florida College System institution, except in situations where one semester of a two semester sequence has already been taken at the Florida College System institution.
- All prerequisites of courses taught within the College of Sciences will be enforced.
- Courses designated in 2 (Common Program Prerequisites) are usually completed in the first sixty hours.
- Upon reaching junior standing (60 hours), Physics majors are expected to have completed the following courses and associated chemistry laboratories. These classes are prerequisites for advanced science classes and students entering the major without these classes will be unable to register for most of the advanced courses.
 - CHM2045C - Chemistry Fundamentals I
 - CHM2046 - Chemistry Fundamentals II
 - CHM2046L - Chemistry Fundamentals Laboratory
 - MAC2311C - Calculus with Analytic Geometry I
 - MAC2312 - Calculus with Analytic Geometry II
 - PHY2048 and PHY2048L - General Physics Using Calculus I course and lab (or PHY2048C)
 - PHY2049 and PHY2049L - General Physics Using Calculus II course and lab (or PHY2049C)

General Education (GEP)

GEP Notes

0 Total Credits

- Complete all of the following
 - At least one course completed in each Foundation area must be a designated State General Education Core Course. See the catalog GEP description for more information.
 - Certain courses must be selected for this degree that will bring the total hours of the GEP to more than 36.

Communication Foundation

9 Total Credits

- Complete all of the following
 - GEP 1 & 2- Communication Foundation
 - Complete all courses from the following:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - Complete all of the following
 - SPC1603C - Preferred
 - Complete at least 1 courses from the following:
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

Historical & Cultural Foundation

9 Total Credits

- Complete all of the following
 - GEP 4- Historical & Cultural Foundation
 - Complete all of the following
 - HUM2210 - Preferred
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - Complete all of the following
 - PHI2010 - Preferred
 - Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - GEP 6- Historical & Cultural Foundation
 - Complete all of the following
 - HUM2230 - Preferred
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)

- MUL2720 - Music of the World (3)
- PHI2010 - Introduction to Philosophy (3)
- REL2300 - World Religions (3)
- THE2000 - Theatre Survey (3)
- MUL2010 - Enjoyment of Music (3)

Mathematical Foundation

7 Total Credits

- Complete all of the following
 - GEP 7- Mathematical Foundation
 - Complete all of the following
 - Prior to enrolling in any MAC course, take the Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
 - Complete the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - GEP 8- Mathematical Foundation
 - Complete all of the following
 - STA2023 - Preferred
 - Complete at least 1 courses from the following:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)

Social Foundation

6 Total Credits

- Complete all of the following
 - GEP 9- Social Foundation
 - Complete all of the following
 - PSY2012 - Preferred
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - Complete all of the following
 - ECO2023 - Preferred
 - Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundation

7 - 8 Total Credits

- Complete all of the following
 - GEP 11- Science Foundation
 - Earn at least 4 credits from the following course sets:
 - PHY 2048 and 2048L
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2048L - General Physics Using Calculus I Laboratory (1)
 - PHY 2048C
 - PHY2048C - General Physics Using Calculus I Studio (4)

- GEP 12- Science Foundation
- Complete at least 1 courses from the following:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **38 - 39**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - In addition to completing all of the required GEP (MAC2311C and PHY2048/PHY2048L (or PHY2048C),
 - Complete the following:
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - MAC2313 - Calculus with Analytic Geometry III (4)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHM2046 - Chemistry Fundamentals II (3)
 - CHM2046L - Chemistry Fundamentals Laboratory (1)
 - Earn at least 4 credits from the following course sets:
 - PHY 2049C
 - PHY2049C - General Physics Using Calculus II Studio (4)
 - PHY 2049 and 2049L
 - PHY2049 - General Physics Using Calculus II (3)
 - PHY2049L - General Physics Using Calculus II Laboratory (1)
 - Prior to enrolling into CHM2045C, take the Chemistry Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>

Grand Total Credits: **20**

Degree Requirements

Core Requirements: Additional
21 Total Credits

- Complete all of the following
 - Basic core fulfilled by completing all of the required GEP and CPP courses (MAC2311C, PHY2048/PHY2049L (or PHY2048C), MAC2312, MAC2313, CHM2046, CHM2046L, PHY2049/PHY2049L (or PHY2049C).
 - Complete the following:
 - MAP2302 - Ordinary Differential Equations I (3)
 - PHY3101 - General Physics Using Calculus III (3)
 - PHY3220 - Mechanics I (3)
 - PHY3323 - Electricity and Magnetism I (3)
 - PHY3513 - Thermal and Statistical Physics (3)
 - PHY4604 - Wave Mechanics I (3)
 - PHZ3113 - Introduction to Theoretical Methods of Physics (3)

Core Requirement: Laboratory
3 Total Credits

- Complete the following:
 - PHY3802L - Intermediate Physics Laboratory (3)

Core Requirements: Advanced Level
28 - 30 Total Credits

- Complete 1 of the following
 - Education Specialization
 - Complete all of the following
 - Students in this specialization must declare and be admitted to the Science Education Minor.
 - Complete the following:
 - EDF4467 - Learning Theory and Assessment (3)
 - EDG4410 - Teaching Strategies and Classroom Management (3)
 - PHY4012 - Teaching Introductory Physics (3)
 - SCE4360 - Science Instructional Analysis (4)
 - SCE4361 - Programs in Teaching Science (3)
 - TSL4080 - Theory and Practice of Teaching ESOL Students in Schools (3)
 - Earn at least 9 credits from the following types of courses:
Restricted Electives: Select 9 credits from upper division PHY, PHZ, or AST courses or approved education courses to fulfill a double major or a minor in Science Education - Physics. The elective courses will be selected with advisor approval.
 - Biophysics Specialization
 - Complete all of the following
 - Complete the following:
 - BSC2011C - Biology II (4)
 - CHM2210 - Organic Chemistry I (3)
 - CHM2211 - Organic Chemistry II (3)
 - CHM2211L - Organic Laboratory Techniques I (2)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - Earn at least 6 credits from the following types of courses:
Restricted Electives: Select 6 credits from upper division PHY, PHZ, or AST courses. The elective courses will be selected with advisor approval.
 - Earn at least 9 credits from the following types of courses:
Directed Electives: Select 9 credits from upper division biology or chemistry. The elective courses will be selected with advisor approval. Additional restricted/directed electives can be taken as approved by an advisor. Pre-medical students are advised to select from the following: BCH 4053 - Biochemistry I Credit Hours: 3 BCH 4054 - Biochemistry II Credit Hours: 3 PCB 3703C - Human Physiology Credit Hours: 4 PCB 3063 - Genetics Credit Hours: 3 PCB 3063L - Genetics Laboratory Credit Hours: 1
 - Information Technology/ Data Science Specialization
 - Complete all of the following
 - Complete the following:
 - CIS3362 - Cryptography and Information Security (3)
 - COP3223C - Introduction to Programming with C (3)
 - COP3330 - Object Oriented Programming (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - MAD2104 - Foundations of Discrete Math (3)
 - Earn at least 6 credits from the following types of courses:
Restricted Electives: Select 6 credits from upper division PHY, PHZ, or AST courses. The elective courses will be selected with advisor approval.
 - Earn at least 6 credits from the following types of courses:
Directed Electives: Select 6 credits from the following, or other approved upper division computer science, mathematics or engineering. Electives should be selected with advisor approval. CDA 3103C - Computer Logic and Organization Credit Hours: 3 COP 3402 - Systems Software Credit Hours: 3 COP 4516C - Problem Solving Techniques and Team Dynamics Credit Hours: 3 Additional restricted/directed electives can be taken as approved by an advisor.
 - Technical Writing Specialization
 - Complete all of the following
 - Complete the following:
 - ENC3241 - Writing for the Technical Professional (3)
 - ENC4218 - Visual Technical Communication (3)
 - ENC4280 - Technical Writing Style (3)
 - ENC4290 - Usability Testing for Technical Communication (3)
 - ENC4293 - Documentation and Project Management (3)
 - Earn at least 9 credits from the following types of courses:

Restricted Electives: Select 9 credits from upper division PHY, PHZ, or AST courses. The elective courses will be selected with advisor approval.

- Earn at least 6 credits from the following types of courses:

Directed Electives: Select 6 credits from upper division writing or communication courses. The elective courses will be selected with advisor approval. ENC 4262 - International

Technical Communication Credit Hours: 3 ENC 3455 - Writing about Science and Technology

Credit Hours: 3 ENC 3314 - Writing and Rhetoric Foundations Credit Hours: 3 ENC 3351 -

Writing for Publication Credit Hours: 3 ENC 3250 - Professional Writing Credit Hours: 3 LIT

4433 - Literature of Science and Technology Credit Hours: 3 Additional restricted/directed

electives can be taken as approved by an advisor.

Grand Total Credits: **52 - 54**

Program Details

Total Semester Hours Required: 120

Electives

- To fulfil the 120 hours required in this degree, complete additional elective courses that are selected with advisor approval.

Foreign Language Requirements

Graduation

- Proficiency equivalent to one year of college instruction in a foreign language taught by the Department of Modern Languages and Literatures or Judaic Studies. Standardized examinations for foreign languages may be used to meet the requirement.

Departmental Exit Requirements

- Grades below "C" (2.0) in any required physics or mathematics courses are not acceptable; they must be repeated with a higher grade.
- Students must achieve a minimum cumulative GPA of 2.0 in all courses taken that could meet major requirements.
- All attempts that could meet requirements are included in the major GPA calculation. All attempts of courses listed for the major taken beyond the minimum required are included in the GPA calculation (e.g., additional restricted electives).
- Students will be required to take a nationally normed test in Physics during their last year.
- Students will have an exit interview in their last semester with a representative of the Physics Undergraduate Committee.

University Minimum Exit Requirements

- A 2.0 UCF GPA.
- 42 semester hours of upper division credit completed.
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Honors In Major

- Application and admissions through The Burnett Honors College and department. More information about Honors in the Major can be found at honors.ucf.edu/research.

Related Programs

- None

Advising Notes

- Contact your college advisor in the College of Sciences Advising Services (COSAS) office (CSB 250) for more information about overall progress toward your degree, GEP and other university requirements, academic probation, special problems as well as general academic advising.

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.
- Submit your requests for course evaluations at <https://sciences.ucf.edu/cosas/> and click on "COS Course Evaluation".
- The following substitutions for common program prerequisites are acceptable if taken prior to transferring to UCF:
 - CHM2045C: may use CHM1040 plus CHM1041 or CHM2040C plus CHM2041C

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Physics (B.S.)

College

College of Sciences

Department

Department of Physics

Program Type

Major

Program Contact Information

College of Sciences
Department of Physics
Physical Sciences Building (PSB), 430
407-823-2325
physics@ucf.edu

Senior Lecturer & Undergraduate Program Director: Dr. Elena Flitsiyan
407-823-1156

Admission Requirements

None

Program Description

The B.S. in Physics is intended to prepare students for the study of physics or a closely related subject in graduate school. Physics majors can select from five distinct specializations to earn their physics degree, as described below in the Core Requirements, Advanced Level. While the various specializations share a common core of courses, they also enable students to prepare specifically for certain career paths. Students should consult their faculty advisors when deciding among these specializations.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Grades below "C" (2.0) in any required physics or mathematics courses are not acceptable; they must be repeated with a higher grade.
- Students must achieve a minimum cumulative GPA of 2.0 in all courses taken that could meet major requirements.
- All attempts that could meet requirements are included in the major GPA calculation. All attempts of courses listed for the major taken beyond the minimum required are included in the GPA calculation (e.g., additional restricted electives).
- The Departmental Residency Requirement consists of at least 15 semester hours of regularly scheduled 3000-4000 level courses taken from the UCF Department of Physics.
- Prior to enrolling in Chemistry and Math, you must take the Chemistry Placement Test and Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
- Physics majors are discouraged from taking courses as a transient student at a Florida College System institution, except in situations where one semester of a two semester sequence has already been taken at the Florida College System institution.
- All prerequisites of courses taught within the College of Sciences will be enforced.
- Courses designated in 2 (Common Program Prerequisites) are usually completed in the first 60 hours.
- Upon reaching junior standing (60 hours), Physics majors are expected to have completed the following courses and associated chemistry laboratories. These classes are prerequisites for advanced science classes and students entering the major without these classes will be unable to register for most of the advanced courses.
 - CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4**
 - CHM 2046 - Chemistry Fundamentals II **Credit Hours: 3**
 - CHM 2046L - Chemistry Fundamentals Laboratory **Credit Hours: 1**
 - MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4**
 - MAC 2312 - Calculus with Analytic Geometry II **Credit Hours: 4**
 - MAC 2313 - Calculus with Analytic Geometry III **Credit Hours: 4**
 - PHY 2048C - General Physics Using Calculus I (or PHY 2048 and PHY 2048L) **Credit Hours: 4**
 - PHY 2049C - General Physics Using Calculus II (or PHY 2049 and PHY 2049L) **Credit Hours: 4**

General Education (GEP)

38 - 39 Total Credits

- Complete all of the following
 - GEP 1 & 2- Communication Foundation
 - Complete all courses from the following:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - Complete all of the following
 - SPC 1603C - Preferred
 - Complete at least 1 courses from the following:
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - GEP 4- Historical & Cultural Foundation
- Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)

- EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
- GEP 5- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- GEP 6- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- GEP 7- Mathematical Foundation
 - Complete the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
- GEP 8- Mathematical Foundation
 - Complete all of the following
 - COP 3502C - Preferred
 - Complete at least 1 courses from the following:

GEP 8- Mathematical Foundations

- CGS2100C - Computer Fundamentals for Business (3)
- COP2500C - Concepts in Computer Science (3)
- COP3502C - Computer Science I (3)
- COT3100C - Introduction to Discrete Structures (3)
- STA2014 - Principles of Statistics (3)
- STA2023 - Statistical Methods I (3)
- STA3032 - Probability and Statistics for Engineers (3)
- CGS1060C - Introduction to Computers (3)

GEP 9- Social Foundation

- Complete at least 1 courses from the following:

GEP 9- Social Foundation

- ANT2000 - General Anthropology (3)
- HSA2117 - Civic Engagement in the US Healthcare System (3)
- PSY2012 - General Psychology (3)
- SYG2000 - Introduction to Sociology (3)

GEP 10- Social Foundation

- Complete at least 1 courses from the following:

GEP 10- Social Foundation

- AMH2020 - U.S. History: 1877-Present (3)
- ECO2013 - Principles of Macroeconomics (3)
- ECO2023 - Principles of Microeconomics (3)
- POS2041 - American National Government (3)

GEP 11- Science Foundation

- Earn at least 4 credits from the following course sets:

PHY 2048C

- PHY2048C - General Physics Using Calculus I Studio (4)

PHY 2048 and 2048L

- PHY2048 - General Physics Using Calculus I (3)
- PHY2048L - General Physics Using Calculus I Laboratory (1)

GEP 12- Science Foundation

- Complete at least 1 courses from the following:

GEP 12- Science Foundation

- ANT2511 - The Human Species (3)
- BSC1005 - Biological Principles (3)
- BSC2010C - Biology I (4)
- EVR1001 - Introduction to Environmental Science (3)
- GEO1200 - Physical Geography (3)
- GEO2370 - Resources Geography (3)
- GLY1030 - Geology and its Applications (3)
- GLY2038 - Environmental Geoscience (3)
- MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
- MET2104 - The Earth's Climate (3)

Grand Total Credits: **38 - 39**

Common Program Prerequisites (CPP) (If applicable)

20 Total Credits

- Complete all of the following
 - In addition to completing all of the required GEP (MAC2311C and PHY2048C (or PHY2048 and PHY2048L),
 - Complete the following:
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - MAC2313 - Calculus with Analytic Geometry III (4)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHM2046 - Chemistry Fundamentals II (3)
 - CHM2046L - Chemistry Fundamentals Laboratory (1)
 - Earn at least 4 credits from the following course sets:
PHY 2049C
 - PHY2049C - General Physics Using Calculus II Studio (4)
PHY 2049 and 2049L
 - PHY2049 - General Physics Using Calculus II (3)
 - PHY2049L - General Physics Using Calculus II Laboratory (1)

Grand Total Credits: **20**

Degree Requirements

Core Requirements: Additional
33 Total Credits

- Complete all of the following
 - In addition to completing all the required GEP and CPP courses,
 - Complete the following:
 - MAP2302 - Ordinary Differential Equations I (3)
 - PHY3101 - General Physics Using Calculus III (3)
 - PHY3220 - Mechanics I (3)
 - PHY3323 - Electricity and Magnetism I (3)
 - PHY3513 - Thermal and Statistical Physics (3)
 - PHY4324 - Electricity and Magnetism II (3)
 - PHY4604 - Wave Mechanics I (3)
 - PHY4605 - Wave Mechanics II (3)
 - PHZ3113 - Introduction to Theoretical Methods of Physics (3)
 - Earn at least 3 credits from the following types of courses:
PHY4912 - Directed Independent Research
 - Complete the following:
 - PHY3802L - Intermediate Physics Laboratory (3)

Core Requirements: Advanced Level
21 Total Credits

- Complete 1 of the following
 - General Physics Specialization
 - Complete all of the following
 - Complete the following:
 - PHY4803L - Advanced Physics Laboratory (3)
 - Complete at least 1 of the following:
 - PHY3722C - Physics Laboratory-Electronics (3)
 - PHY3752C - Physics of Scientific Instruments (3)
 - Earn at least 6 credits from the following types of courses:
Select from upper division PHY, PHZ, or AST courses. Additional restricted electives can be taken as approved by an advisor.
 - Earn at least 9 credits from the following types of courses:
Select courses at a 3000 level or higher, approved by the Physics Department. Courses must be chosen in Physics, Mathematics, Chemistry, Computer Science, or Engineering.
 - Materials Physics Specialization

- Complete all of the following
 - Complete at least 1 of the following:
 - PHY3722C - Physics Laboratory-Electronics (3)
 - PHY3752C - Physics of Scientific Instruments (3)
 - Complete at least 4 of the following:
 - EEE3350 - Semiconductor Devices (3)
 - EGN3365 - Structure and Properties of Materials (3)
 - EMA3000 - Engineering Polymeric Materials (3)
 - EMA3012C - Experimental Techniques in Materials I (3)
 - EMA3102 - Thermodynamics of Materials (3)
 - EMA3124 - Design and Selection of Materials (3)
 - PHZ3151 - Computer Methods in Physics (3)
 - EMA4125 - Phase Transformations and Microstructural Development in Materials (3)
 - EMA4013C - Experimental Techniques in Materials II (3)
 - EMA4115 - Transport Phenomena in Materials (3)
 - EMA4223 - Fundamentals of Mechanical Behavior of Materials (3)
 - EMA4307 - Kinetics of Materials (3)
 - EMA4413 - Fundamentals of Electronic Materials (3)
 - PHY4803L - Advanced Physics Laboratory (3)
 - PHZ4404 - Solid State Physics (3)
 - Earn at least 6 credits from the following types of courses:
Select courses at a 3000 level or higher, approved by the Physics Department. Courses must be chosen in Physics, Mathematics, Chemistry, Computer Science, or Engineering.
Additional directed electives can be taken as approved by an advisor.

Optics and Lasers Specialization

- Complete all of the following
 - Complete the following:
 - PHY4424 - Optics (3)
 - Complete at least 1 of the following:
 - PHY3752C - Physics of Scientific Instruments (3)
 - PHY3722C - Physics Laboratory-Electronics (3)
 - Complete at least 2 of the following:
 - EEL4440C - Optical Engineering (3)
 - OSE3200 - Geometric Optics (3)
 - OSE4721 - Biophotonics (3)
 - PHY4445 - Lasers (3)
 - OSE4410 - Optoelectronics (3)
 - Earn at least 9 credits from the following types of courses:
Select courses at a 3000 level or higher, approved by the Physics Department. Courses must be chosen in Physics, Mathematics, Chemistry, Computer Science, or Engineering.
Additional directed electives can be taken as approved by an advisor.

Computational Physics Specialization

- Complete all of the following
 - Complete the following:
 - COP3502C - Computer Science I (3)
 - COP3503C - Computer Science II (3)
 - PHZ3151 - Computer Methods in Physics (3)
 - Complete at least 1 of the following:
 - COT4500 - Numerical Calculus (3)
 - PHZ3150 - Introduction to Numerical Computing (3)
 - Complete at least 1 of the following:
 - PHY3722C - Physics Laboratory-Electronics (3)
 - PHY3752C - Physics of Scientific Instruments (3)
 - Earn at least 6 credits from the following types of courses:
Select courses at a 3000 level or higher, approved by the Physics Department. Courses must be chosen in Physics, Mathematics, Chemistry, Computer Science, or Engineering.
 - COP3223C is a prerequisite for COP3502C and COT4500 and will meet a Directed Elective.
 - Additional directed electives can be taken as approved by an advisor.

Astronomy Specialization

- Complete all of the following
 - Complete the following:
 - AST2002 - Astronomy (3)
 - AST4700 - Experimental Methods in Astronomy (3)
 - Complete at least 1 of the following:
 - AST4762C - Astronomical Data Analysis (3)
 - AST5765C - Advanced Astronomical Data Analysis (3)
 - Earn at least 6 credits from the following types of courses:
Select from upper division AST courses.
 - Earn at least 6 credits from the following types of courses:
Select courses at a 3000 level or higher, approved by the Physics Department. Courses must be chosen in Physics, Mathematics, Chemistry, Computer Science, or Engineering.
Additional directed electives can be taken as approved by an advisor.

Capstone Requirement

3 Total Credits

- Earn at least 3 credits from the following types of courses:
PHY3905 - Directed Independent Studies PHY4912 - Directed Independent Research (Preferred)

Grand Total Credits: **57**

Program Details

Electives

- To fulfill the 120 hours required in this degree, select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the department.

Foreign Language Requirements

Graduation

- None

Additional Requirements

- While declared as a Physics BS major, students must complete the Professional Physics Mentoring Program annually. Exceptions will be granted on an annual basis for students who demonstrate participation on an independent and continuous physics professional mentoring plan with faculty in or affiliated to the department.

Departmental Exit Requirements

- Grades below "C" (2.0) in any required physics or mathematics courses are not acceptable; they must be repeated with a higher grade.
- Students must achieve a minimum cumulative GPA of 2.0 in all courses taken that could meet major requirements.
- All attempts that could meet requirements are included in the major GPA calculation. All attempts of courses listed for the major taken beyond the minimum required are included in the GPA calculation (e.g., additional restricted electives).
- Students will be required to take a nationally normed test in Physics during their last year.
- Students will have an exit interview in their last semester with a representative of the Physics Undergraduate Committee

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 4 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120 Honors In Major

- Application and admissions through The Burnett Honors College and department. More information about Honors in the Major can be found at honors.ucf.edu/research.

Related Programs

- Mathematics (B.S.) Engineering/Physics Track
- Electrical Engineering - Accelerated Undergraduate-Graduate (B.S.E.E. / M.S.E.E.)
- Mechanical Engineering (B.S.M.E.)

- Mathematics Minor
- Physics Minor
- Astronomy Minor

Advising Notes

- Students should consult with a departmental advisor.
- Contact your college advisor in the College of Sciences Advising Services (COSAS) office (CSB 250) for more information about overall progress toward your degree, GEP and other university requirements, academic probation, special problems as well as general academic advising.

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.
- Submit your requests for course evaluations at <https://sciences.ucf.edu/cosas/> and click on "COS Course Evaluation".
- Acceptable Substitutes for Transfer Courses
 - The following substitutions for common program prerequisites are acceptable if taken prior to transferring to UCF:
 - CHM 2045C: may use CHM 1040 plus CHM 1041 or CHM 2040C plus CHM 2041C

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$12.40 per term
- Full-Time Student: \$24.80 per term

Physics Minor

College

College of Sciences

Department

Department of Physics

Program Type

Minor

Program Contact Information

College of Sciences

Department of Physics

Physical Sciences Building (PSB), 430

407-823-2325

physics@ucf.edu

Associate Lecturer & Undergraduate Program Director: Dr. Elena Flitsiyan

407-823-1156

Admission Requirements

- The minor is not open to physics majors.

Program Description

Minor Requirements

- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades below "C" (2.0) in lower level courses are not accepted.
- At least 9 hours used in the minor must be earned at UCF within the Department of Physics.

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Degree Requirements

Required Courses

11 Total Credits

- Complete all of the following
 - Earn at least 4 credits from the following course sets:
 - PHY 2048C
 - PHY2048C - General Physics Using Calculus I Studio (4)
 - PHY 2048 and 2048L
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2048L - General Physics Using Calculus I Laboratory (1)
 - Earn at least 4 credits from the following course sets:
 - PHY 2049C
 - PHY2049C - General Physics Using Calculus II Studio (4)
 - PHY 2049 and 2049L
 - PHY2049 - General Physics Using Calculus II (3)
 - PHY2049L - General Physics Using Calculus II Laboratory (1)
 - Complete the following:
 - PHY3101 - General Physics Using Calculus III (3)

Restricted Electives

9 Total Credits

- Earn at least 9 credits from the following types of courses:
Select from upper-level physics lecture or laboratory courses appropriate for majors

Grand Total Credits: **20**

Program Details

Total Undergraduate Credit Hours Required: 20

Other Requirements

- Internship, Co-op, or Independent Study credit cannot be used toward the minor.

Political Science (B.A.)

College

College of Sciences

Department

School of Politics, Security, and International Affairs

Program Type

Major

Program Contact Information

College of Sciences
School of Politics, Security, and Intl Affairs
Howard Phillips Hall (HPH), 302
407-823-2608
politics@ucf.edu

Director of the School of Politics, Security, and Intl Affairs: Dr. Gunes Murat Tezcur
407-823-2040

Is this program available 100% online?

Yes

UCF Online

Online Political Science, BA

Political Science (B.A.) may be completed fully online, although not all elective options or program prerequisites may be offered online. Newly admitted students choosing to complete this program exclusively via UCF online classes may enroll with a reduction in campus-based fees.

Admission Requirements

None

Program Description

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog
- Co-op or internship credit cannot be used in this major without prior school approval
- Students should consult with a school advisor
- The School Residency Requirement consists of at least 21 semester hours of regularly scheduled courses taken from the UCF School of Politics, Security, and Intl Affairs
- All prerequisites of courses taught within the College of Sciences will be enforced.
- Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.

Double major/dual degree policy in Political Science programs and minors

1. Students who double major/degree in any Political Science track and International and Global Studies shall not count more than two courses toward both programs, except the following:
 - POS 2041 - American National Government
 - POS 3703 - Scope and Methods of Political Science
2. Students who major in International and Global Studies, and minor in Political Science, shall not count more than one course toward both programs, except the following;
 - POS 2041 - American National Government
3. Students who major in any Political Science track, and minor in International and Global Studies, shall not count more than one course toward both programs.
4. Students who double minor in Political Science and International and Global Studies shall not count more than one course toward both programs.
5. The myKnight Audit cannot capture overlapping courses between two or more programs; therefore, students should have their program reviewed by the School before filing for graduation.

General Education (GEP)

GEP Notes

0 Total Credits

- At least one course completed in each Foundation area must be a designated State General Education Core Course. See the catalog GEP description for more information.

Communication Foundation

9 Total Credits

- Complete all of the following
 - GEP 1 & 2- Communication Foundation
 - Complete all courses from the following:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - Complete all of the following
 - SPC1608 - Preferred
 - Complete at least 1 courses from the following:
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

Historical & Cultural Foundation

9 Total Credits

- Complete all of the following
 - GEP 4- Historical & Cultural Foundation
 - Complete all of the following
 - For Track 1 (American Politics): AMH2010 - Preferred For Track 2 (International and Comparative): EUH2001 - Preferred
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)

- EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
- GEP 5- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - GEP 6- Historical & Cultural Foundation
 - Complete all of the following
 - For Track 2 (International and Comparative): WOH2022 - Preferred
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)

Mathematical Foundation
6 - 7 Total Credits

- Complete all of the following
 - GEP 7- Mathematical Foundation

- Complete all of the following
 - MGF1106 or MGF1107 - Preferred
 - You may substitute a higher-level MAC course with an appropriate score on the Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - GEP 8- Mathematical Foundation
- Complete all of the following
 - STA2014 - Preferred
 - May substitute a higher level Statistics course
 - Complete at least 1 courses from the following:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)

Social Foundation
6 Total Credits

- Complete all of the following
 - GEP 9- Social Foundation
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - Complete the following:
 - POS2041 - American National Government (3)

Science Foundation
6 - 8 Total Credits

- Complete all of the following
 - GEP 11- Science Foundation
 - Complete at least 1 courses from the following:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - GEP 12- Science Foundation
 - Complete at least 1 courses from the following:
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)

- GEO1200 - Physical Geography (3)
- GEO2370 - Resources Geography (3)
- GLY1030 - Geology and its Applications (3)
- GLY2038 - Environmental Geoscience (3)
- MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
- MET2104 - The Earth's Climate (3)

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - In addition to completing POS2041 (GEP),
 - Complete the following:
 - POS3703 - Scope and Methods of Political Science (3)

Grand Total Credits: **3**

Degree Requirements

Core Requirements: Advanced Level

18 Total Credits

- Complete all of the following
 - In addition to completing POS2041 (GEP) and POS3703 (CPP), complete two courses from each area and the Exit Course.
 - Complete the following:
 - POS4961 - Exit Course
 - POS4961 is completed during graduating semester.
 - Area A: American Politics and Policy
 - Earn at least 6 credits from the following:
 - POS3076 - American Indian Politics (3)
 - POS3122 - State Government and Public Policy (3)
 - POS3173 - Southern Politics (3)
 - POS3182H - Honors Florida Politics (3)
 - POS3233 - Public Opinion (3)
 - POS3234 - Protest in American Politics (3)
 - POS3235 - Mass Media and Politics (3)
 - POS3258 - Politics in Film (3)
 - POS3272 - Civic Engagement (3)
 - POS3273 - Voting and Elections (3)
 - POS3413 - The American Presidency (3)
 - POS3424 - Congress and the Legislative Process (3)
 - POS3443 - Political Parties and Processes (3)
 - POS3463 - Interest Groups (3)
 - POS3733 - Designing Political Science Research (3)
 - POS4023 - The Politics of LGBTQ+ Policy (3)
 - POS4030 - The Politics of Sports (3)
 - POS4074 - Latino Politics (3)
 - POS4142 - Metropolitan Politics (3)
 - POS4204 - Political Behavior (3)
 - POS4244 - Political Socialization (3)
 - POS4284 - Judicial Process and Politics (3)
 - POS4412 - Presidential Campaigning (3)
 - POS4603 - American Constitutional Law I (3)
 - POS4604 - American Constitutional Law II (3)
 - POS4622 - Politics and Civil Rights (3)
 - POS4623 - Guns, Freedom and Citizenship (3)
 - POS4700 - Teaching American Politics and Government (3)
 - POS4764 - GIS for Political Analysis (3)
 - PUP3203 - Environmental Politics (3)
 - PUP3204H - Honors Sustainability (3)
 - PUP3314 - Minorities in American Politics (3)
 - PUP4003 - American Public Policy (3)

- PUP4209 - Urban Environmental Policy (3)
- PUP4323 - Women and Public Policy (3)
- PUP4404 - Education and Politics (3)
- PUP4503 - Government and Science (3)
- PUP4510 - Space Policy (3)
- PUP4744 - Government and Business (3)
- PUP4931 - Topics in Public Policy (3)

Area B: International Relations and Comparative Government

- Earn at least 6 credits from the following:
 - CPO3034 - Politics of Developing Areas (3)
 - CPO3057 - Contemporary Revolution and Political Violence (3)
 - CPO3103 - Comparative Politics (3)
 - CPO3104 - Politics of Western Europe (3)
 - CPO3132 - Canadian Politics (3)
 - CPO3403 - Politics of the Middle East (3)
 - CPO3614 - Politics of Eastern Europe (3)
 - CPO4062 - Comparative Judicial Process (3)
 - CPO4074 - Political Economy (3)
 - CPO4123 - Government and Politics of Great Britain (3)
 - CPO4123 - Government and Politics of Great Britain (3)
 - CPO4303 - Comparative Latin American Politics (3)
 - CPO4400 - Kurdish Politics: Identity, Violence, and Democracy (3)
 - CPO4514 - Politics of East Asia (3)
 - CPO4541 - Chinese Politics (3)
 - CPO4553 - Politics of Japan (3)
 - CPO4643 - Government and Politics of Russia (3)
 - CPO3614 - Politics of Eastern Europe (3)
 - CPO4731 - Politics of Democratization (3)
 - CPO4731 - Politics of Democratization (3)
 - CPO4784 - Political and Economic Inequality in Comparative Perspective (3)
 - CPO4794 - Indigenous Politics and the Environment (3)
 - GEO3471 - World Political Geography (3)
 - INR2002 - International Relations-Theory and Practice (3)
 - INR3016 - Global Political Issues (3)
 - INR3250 - Politics of Pan-Africanism (3)
 - INR3253 - International Politics of Africa (3)
 - INR4008 - Global Perspectives (3)
 - IDC5602 - Cybersecurity: A Multidisciplinary Approach (3)
 - INR4030 - Diplomacy (3)
 - INR4035 - International Political Economy (3)
 - INR4054 - Global Politics of Energy (3)
 - INR4060 - Causes of War (3)
 - INR4063 - The Cold War (3)
 - INR4074 - Immigration Policy (3)
 - INR4075 - Human Rights Policy (3)
 - INR4076 - Global Drug Policy (3)
 - INR4084 - Politics of International Terrorism (3)
 - INR4085 - Women, Gender, and Globalization (3)
 - INR4102 - American Foreign Policy (3)
 - INR4104 - Topics and Cases in American Foreign Policy (3)
 - INR4114 - American Security Policy (3)
 - INR4115 - Strategic Weapons and Arms Control (3)
 - INR4224 - Contemporary International Politics of Asia (3)
 - INR4243 - International Politics of Latin America (3)
 - INR4274 - International Politics of the Middle East (3)
 - INR4304 - Issues in International Public Policy (3)
 - INR4335 - Coercion in International Politics (3)
 - INR4350 - Global Environmental Politics (3)
 - INR4351 - International Environmental Law (3)
 - INR4360 - The Intelligence Process (3)
 - POS4407 - The Intelligence Community (3)
 - INR4401 - International Law (3)
 - INR4404 - Space Law (3)

- INR4502 - International Organizations (3)
- INR4714 - Politics of International Trade Policy (3)
- INR4743 - Military Power and Effectiveness (3)
- INR4744 - Militaries in World Politics (3)
- INR4764 - Cyberwarfare Policy (3)
- INR4765 - Emerging Space Powers (3)
- INR4774 - Military Space Policy (3)
- POS3733 - Designing Political Science Research (3)
- PUP3014 - Comparative Public Policy (3)
- PUP4510 - Space Policy (3)

Area C: Political Theory

- Complete all of the following
 - Earn at least 6 credits from the following:
 - INR4603 - International Relations Theory (3)
 - POS4206 - Political Psychology (3)
 - POT3302 - Modern Political Ideologies (3)
 - POT4003 - Political Theory (3)
 - POT4025 - Ancient, Medieval and Early Modern Political Philosophy (3)
 - POT4066 - Contemporary Political Theory (3)
 - POT4305 - Democracy, Capitalism, and the Individual (3)
 - POT4314 - Contemporary Democratic Theory (3)
 - POT4331 - Utopia/Dystopia (3)
 - POT4632 - Religion and Politics (3)
 - Other courses may be substituted with school approval.

Restricted Electives

12 Total Credits

- Complete 1 of the following
 - Complete one of the following tracks
American Politics and Policy Track
 - Complete all of the following
 - Earn at least 6 credits from the following:
 - POS3076 - American Indian Politics (3)
 - POS3122 - State Government and Public Policy (3)
 - POS3173 - Southern Politics (3)
 - POS3182 - Florida Politics (3)
 - POS3233 - Public Opinion (3)
 - POS3234 - Protest in American Politics (3)
 - POS3235 - Mass Media and Politics (3)
 - POS3258 - Politics in Film (3)
 - POS3272 - Civic Engagement (3)
 - POS3273 - Voting and Elections (3)
 - POS3413 - The American Presidency (3)
 - POS3424 - Congress and the Legislative Process (3)
 - POS3443 - Political Parties and Processes (3)
 - POS3463 - Interest Groups (3)
 - POS3733 - Designing Political Science Research (3)
 - POS4023 - The Politics of LGBTQ+ Policy (3)
 - POS4030 - The Politics of Sports (3)
 - POS4074 - Latino Politics (3)
 - POS4142 - Metropolitan Politics (3)
 - POS4204 - Political Behavior (3)
 - POS4244 - Political Socialization (3)
 - POS4284 - Judicial Process and Politics (3)
 - POS4412 - Presidential Campaigning (3)
 - POS4603 - American Constitutional Law I (3)
 - POS4412 - Presidential Campaigning (3)
 - POS4764 - GIS for Political Analysis (3)
 - POS4623 - Guns, Freedom and Citizenship (3)
 - POS4700 - Teaching American Politics and Government (3)
 - POS4764 - GIS for Political Analysis (3)
 - PUP3203 - Environmental Politics (3)

- PUP3204 - Sustainability (3)
- PUP3314 - Minorities in American Politics (3)
- PUP4003 - American Public Policy (3)
- PUP4209 - Urban Environmental Policy (3)
- PUP4323 - Women and Public Policy (3)
- PUP4404 - Education and Politics (3)
- PUP4503 - Government and Science (3)
- PUP4510 - Space Policy (3)
- PUP4744 - Government and Business (3)
- PUP4931 - Topics in Public Policy (3)
- Earn at least 6 credits from the following types of courses:
Additional courses from Area A, B, or C in the Core Requirements: Advanced Level
International Relations-Comparative Politics Track
- Complete all of the following
 - Earn at least 6 credits from the following:
 - CPO3034 - Politics of Developing Areas (3)
 - CPO3057 - Contemporary Revolution and Political Violence (3)
 - CPO3103 - Comparative Politics (3)
 - CPO3104 - Politics of Western Europe (3)
 - CPO3132 - Canadian Politics (3)
 - CPO3403 - Politics of the Middle East (3)
 - CPO3614 - Politics of Eastern Europe (3)
 - CPO4062 - Comparative Judicial Process (3)
 - CPO4074 - Political Economy (3)
 - CPO4101 - Politics of the European Union (3)
 - CPO4123 - Government and Politics of Great Britain (3)
 - CPO4303 - Comparative Latin American Politics (3)
 - CPO4400 - Kurdish Politics: Identity, Violence, and Democracy (3)
 - CPO4514 - Politics of East Asia (3)
 - CPO4541 - Chinese Politics (3)
 - CPO4553 - Politics of Japan (3)
 - CPO4643 - Government and Politics of Russia (3)
 - CPO4710 - Women in Comparative Politics (3)
 - CPO4731 - Politics of Democratization (3)
 - CPO4754 - Comparative Political Institutions (3)
 - CPO4784 - Political and Economic Inequality in Comparative Perspective (3)
 - CPO4794 - Indigenous Politics and the Environment (3)
 - GEO3471 - World Political Geography (3)
 - INR2002 - International Relations-Theory and Practice (3)
 - INR3016 - Global Political Issues (3)
 - INR3250 - Politics of Pan-Africanism (3)
 - INR3253 - International Politics of Africa (3)
 - INR4008 - Global Perspectives (3)
 - INR4011 - Politics of Globalization (3)
 - INR4030 - Diplomacy (3)
 - INR4035 - International Political Economy (3)
 - INR4054 - Global Politics of Energy (3)
 - INR4060 - Causes of War (3)
 - INR4063 - The Cold War (3)
 - INR4074 - Immigration Policy (3)
 - INR4075 - Human Rights Policy (3)
 - INR4076 - Global Drug Policy (3)
 - INR4084 - Politics of International Terrorism (3)
 - INR4085 - Women, Gender, and Globalization (3)
 - INR4224 - Contemporary International Politics of Asia (3)
 - INR4104 - Topics and Cases in American Foreign Policy (3)
 - INR4114 - American Security Policy (3)
 - INR4115 - Strategic Weapons and Arms Control (3)
 - INR4224 - Contemporary International Politics of Asia (3)
 - INR4225 - The Vietnam War (3)
 - INR4243 - International Politics of Latin America (3)
 - INR4274 - International Politics of the Middle East (3)
 - INR4304 - Issues in International Public Policy (3)

- INR4335 - Coercion in International Politics (3)
- INR4350 - Global Environmental Politics (3)
- INR4351 - International Environmental Law (3)
- INR4363 - Intelligence Analysis and Reporting (3)
- INR4364H - Honors: The Intelligence Community (3)
- INR4401 - International Law (3)
- INR4404 - Space Law (3)
- INR4502 - International Organizations (3)
- INR4714 - Politics of International Trade Policy (3)
- INR4743 - Military Power and Effectiveness (3)
- INR4744 - Militaries in World Politics (3)
- INR4764 - Cyberwarfare Policy (3)
- INR4765 - Emerging Space Powers (3)
- INR4774 - Military Space Policy (3)
- POS3733 - Designing Political Science Research (3)
- PUP3014 - Comparative Public Policy (3)
- PUP4510 - Space Policy (3)
- Earn at least 6 credits from the following types of courses:
Additional courses from Area A, B, or C in the Core Requirements: Advanced Level Prelaw Track
- Earn at least 12 credits from the following types of courses:
Please see the catalog copy for Political Science - Prelaw Track
Intelligence and National Security Track
- Earn at least 12 credits from the following types of courses:
Please see the catalog copy for Political Science - Intelligence and National Security Track

Grand Total Credits: **30**

Program Details

Total Undergraduate Credit Hours Required: 120

Electives

- To fulfill the 120 hours required of this degree, select primarily from upper level courses after meeting with a school advisor. Courses may be outside the school.
- Internship Program: For students who excel, a limited number of internships may be available each semester for three to six hours of credit. Under the Internship Director, the student is typically placed in an office of local, state, or national government, a law office, or a campaign headquarters.
- No more than 9 credits of a combination of Honors in the Major, Independent Study, and Internship may be counted toward the major in Political Science, provided that no more than 50% of an Area be covered by such credits.
- Students who qualify for Senior Scholars Program may enroll in graduate-level courses to satisfy major requirements to take Area courses.

Foreign Language Requirements

Graduation

- Proficiency equivalent to two semesters of college instruction in a foreign language or in American Sign Language (ASL). Standardized examinations for foreign languages may be used. ASL proficiency is met by successful completion of ASL 2140 and ASL 2150 or an appropriate score on the ASL proficiency exam. Contact the Department of Communication Sciences and Disorders (<https://healthprofessions.ucf.edu/csd/>) regarding the ASL proficiency examination.

Program Exit Requirements

- Students must maintain a minimum cumulative GPA of 2.0 in all courses used to satisfy major requirements.
- Complete the POS 4961 Exit Course during the student's graduating semester.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded

- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

High Impact Learning Experiences

High Impact Learning Experiences are available to all students. Interested students may select from the following options:

- POS 3940 Internship*
- POS 3955 Study Abroad*
- POS 4903H Honors Directed Reading I*
- POS 4904H Honors Directed Reading II*
- POS 4912 Directed Independent Research*
- POS 4941 Internship*
- POS 4955 Study Abroad*
- POS 4970H Undergraduate Honors Thesis*
- Any course designated as Research Intensive
- Any course designated as Service Learning
- Any course designated as an Integrated Learning Experience

* These courses may also be taken with an INR, CPO, PUP, or POT prefix.

Honors In Major

- Application and admissions through The Burnett Honors College. More information about Honors in the Major can be found at honors.ucf.edu/research.
- Interested students who meet the requirements are encouraged to participate in the HIM program. Contact the school for information about the program and the HIM coordinator.

Related Programs

- Economics (B.S.)
- History (B.A.)
- Diplomacy Certificate
- Intelligence and National Security Certificate
- Civics Teaching Certificate
- Economics Minor
- History Minor
- Psychology Minor
- Sociology Minor
- Philosophy Minor

Advising Notes

- Students should consult with a School advisor.
- Contact your college advisor in the College of Sciences Advising Services (COSAS) office (CSB 250) for more information about overall progress toward your degree, GEP and other university requirements, academic probation, special problems as well as general academic advising.

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.
- Submit your requests for course evaluations at <https://sciences.ucf.edu/cosas/> and click on "COS Course

Evaluation".

- The following substitutions for common program prerequisites are acceptable if taken prior to transferring to UCF:
 - POS 2041: any three hours of introductory Political Science classes will satisfy the CPP. However since this course is required in the core of the major and is a prerequisite to subsequent courses, it still must be taken.
 - POS 3703: any three hours of introductory Political Science classes will satisfy the CPP. However since this course is required in the core of the major, it still must be taken.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeads.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$5 per term
- Full-Time Student: \$10 per term

Political Science, Intelligence and National Security Track (B.A.)

College

College of Sciences

Department

School of Politics, Security, and International Affairs

Program Type

Major

Program Contact Information

College of Sciences
School of Politics, Security, and Intl Affairs
Howard Phillips Hall (HPH), 302
407-823-2608
Politics@ucf.edu

Professor: Dr. Tom Dolan
407-823-2608

Admission Requirements

None

Program Description

This track focuses on the fundamentals of intelligence and national security from both a theoretical and practical perspective. It is designed to be helpful to those students who wish to pursue careers in national security and the intelligence community. The required courses in the track constitute a coherent sequence that will give students a familiarity with the functions of the intelligence community and the practice of intelligence collection and analysis. The electives can provide students a solid foundation in regional or functional specialties that are relevant to careers in intelligence and national security.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Co-op or internship credit cannot be used in this major without prior school approval
- Students should consult with a school advisor
- The School Residency Requirement consists of at least 21 semester hours of regularly scheduled courses taken from the UCF School of Politics, Security, and Intl Affairs.
- All prerequisites of courses taught within the College of Sciences will be enforced
- Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually in the first 60 hours.

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Double major/dual degree policy in Political Science programs and minors

- Students who double major/degree in any Political Science track and International and Global Studies shall not count more than two courses toward both programs, except the following courses:
 - POS 2041 – American National Government
 - POS 3703 – Scope and Methods of Political Science
- Students who major in any Political Science track, and minor in International and Global Studies, shall not count more than one course toward both programs.
- The myKnight Audit cannot capture overlapping courses between two or more programs; therefore, students should have their program reviewed by the School before filing for graduation.

General Education (GEP)

GEP Notes

0 Total Credits

- At least one course completed in each Foundation area must be a designated State General Education Core Course. See the catalog GEP description for more information.

Communication Foundation

9 Total Credits

- Complete all of the following
 - GEP 1 & 2- Communication Foundation
 - Complete all courses from the following:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - Complete all of the following
 - SPC1608 - Preferred
 - Complete at least 1 courses from the following:
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

Historical & Cultural Foundation

9 Total Credits

- Complete all of the following

- GEP 4- Historical & Cultural Foundation
 - Complete all of the following
 - AMH2010, EUH2001 or WOH2022 - Preferred
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
- GEP 5- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- GEP 6- Historical & Cultural Foundation
 - Complete all of the following
 - Course from GEP 5 - Preferred
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)

Mathematical Foundation
6 - 7 Total Credits

- Complete all of the following
 - GEP 7- Mathematical Foundation
 - Complete all of the following
 - MGF1106 or MGF1107 - Preferred
 - You may substitute a higher-level MAC course with an appropriate score on the Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - GEP 8- Mathematical Foundation
 - Complete all of the following
 - STA2014 - Preferred
 - May substitute a higher level statistics course
 - Complete at least 1 courses from the following:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)

Social Foundation
6 Total Credits

- Complete all of the following
 - GEP 9- Social Foundation
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - Complete the following:
 - POS2041 - American National Government (3)

Science Foundation
6 - 8 Total Credits

- Complete all of the following
 - GEP 11- Science Foundation
 - Complete at least 1 courses from the following:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - GEP 12- Science Foundation
 - Complete at least 1 courses from the following:

GEP 12- Science Foundation

- ANT2511 - The Human Species (3)
- BSC1005 - Biological Principles (3)
- BSC2010C - Biology I (4)
- EVR1001 - Introduction to Environmental Science (3)
- GEO1200 - Physical Geography (3)
- GEO2370 - Resources Geography (3)
- GLY1030 - Geology and its Applications (3)
- GLY2038 - Environmental Geoscience (3)
- MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
- MET2104 - The Earth's Climate (3)

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - In addition to completing POS2041 (GEP),
 - Complete the following:
 - POS3703 - Scope and Methods of Political Science (3)

Grand Total Credits: **3**

Degree Requirements

Core Requirements: Basic Level

6 Total Credits

- Complete all of the following
 - In addition to completing POS2041 (GEP) and POS3703 (CPP),
 - Complete the following:
 - CPO3103 - Comparative Politics (3)
 - INR2002 - International Relations-Theory and Practice (3)

Core Requirements: Advanced Level

3 Total Credits

- Complete all of the following
 - Complete the following:
 - POS4407 - The Intelligence Community (3)
 - POS4961 - Exit Course
 - POS4961 is completed during graduating semester

Restricted Electives

21 Total Credits

- Complete all of the following
 - Complete at least 3 of the following:
 - INR4360 - The Intelligence Process (3)
 - INR4363 - Intelligence Analysis and Reporting (3)
 - INR4942 - Intelligence Studies Capstone (3)
 - POS4300 - Research Methods and Intelligence (3)
 - Area A: American Politics and Policy
 - Complete at least 1 of the following:
 - POS3076 - American Indian Politics (3)
 - POS3122 - State Government and Public Policy (3)
 - POS3173 - Southern Politics (3)
 - POS3182 - Florida Politics (3)
 - POS3233 - Public Opinion (3)
 - POS3234 - Protest in American Politics (3)
 - POS3235 - Mass Media and Politics (3)
 - POS3258 - Politics in Film (3)
 - POS3272 - Civic Engagement (3)
 - POS3273 - Voting and Elections (3)

- POS3413 - The American Presidency (3)
- POS3424 - Congress and the Legislative Process (3)
- POS3443 - Political Parties and Processes (3)
- POS3463 - Interest Groups (3)
- POS3733 - Designing Political Science Research (3)
- POS4030 - The Politics of Sports (3)
- POS4023 - The Politics of LGBTQ+ Policy (3)
- POS4074 - Latino Politics (3)
- POS4142 - Metropolitan Politics (3)
- POS4204 - Political Behavior (3)
- POS4244 - Political Socialization (3)
- POS4412 - Presidential Campaigning (3)
- POS4603 - American Constitutional Law I (3)
- POS4604 - American Constitutional Law II (3)
- POS4622 - Politics and Civil Rights (3)
- POS4623 - Guns, Freedom and Citizenship (3)
- POS4700 - Teaching American Politics and Government (3)
- POS4764 - GIS for Political Analysis (3)
- PUP3203 - Environmental Politics (3)
- PUP3204H - Honors Sustainability (3)
- PUP3314 - Minorities in American Politics (3)
- PUP4003 - American Public Policy (3)
- PUP4209 - Urban Environmental Policy (3)
- PUP4323 - Women and Public Policy (3)
- PUP4404 - Education and Politics (3)
- PUP4503 - Government and Science (3)
- PUP4510 - Space Policy (3)
- PUP4744 - Government and Business (3)
- PUP4931 - Topics in Public Policy (3)

Area B: International Relations and Comparative Government

- Complete at least 1 of the following:
 - CPO3034 - Politics of Developing Areas (3)
 - CPO3057 - Contemporary Revolution and Political Violence (3)
 - CPO3103 - Comparative Politics (3)
 - CPO3104 - Politics of Western Europe (3)
 - CPO3132 - Canadian Politics (3)
 - CPO3403 - Politics of the Middle East (3)
 - CPO3614 - Politics of Eastern Europe (3)
 - CPO4062 - Comparative Judicial Process (3)
 - CPO4074 - Political Economy (3)
 - CPO4101 - Politics of the European Union (3)
 - CPO4123 - Government and Politics of Great Britain (3)
 - CPO4303 - Comparative Latin American Politics (3)
 - CPO4400 - Kurdish Politics: Identity, Violence, and Democracy (3)
 - CPO4514 - Politics of East Asia (3)
 - CPO4541 - Chinese Politics (3)
 - CPO4553 - Politics of Japan (3)
 - CPO4643 - Government and Politics of Russia (3)
 - CPO4710 - Women in Comparative Politics (3)
 - CPO4731 - Politics of Democratization (3)
 - CPO4754 - Comparative Political Institutions (3)
 - CPO4784 - Political and Economic Inequality in Comparative Perspective (3)
 - CPO4794 - Indigenous Politics and the Environment (3)
 - GEO3471 - World Political Geography (3)
 - INR2002 - International Relations-Theory and Practice (3)
 - INR3016 - Global Political Issues (3)
 - INR3250 - Politics of Pan-Africanism (3)
 - INR3253 - International Politics of Africa (3)
 - INR4008 - Global Perspectives (3)
 - INR4011 - Politics of Globalization (3)
 - INR4030 - Diplomacy (3)
 - INR4035 - International Political Economy (3)
 - INR4054 - Global Politics of Energy (3)

- INR4060 - Causes of War (3)
- INR4063 - The Cold War (3)
- INR4074 - Immigration Policy (3)
- INR4075 - Human Rights Policy (3)
- INR4076 - Global Drug Policy (3)
- INR4084 - Politics of International Terrorism (3)
- INR4085 - Women, Gender, and Globalization (3)
- INR4102 - American Foreign Policy (3)
- INR4104 - Topics and Cases in American Foreign Policy (3)
- INR4114 - American Security Policy (3)
- INR4115 - Strategic Weapons and Arms Control (3)
- INR4224 - Contemporary International Politics of Asia (3)
- INR4225 - The Vietnam War (3)
- INR4243 - International Politics of Latin America (3)
- INR4274 - International Politics of the Middle East (3)
- INR4304 - Issues in International Public Policy (3)
- INR4335 - Coercion in International Politics (3)
- INR4350 - Global Environmental Politics (3)
- INR4351 - International Environmental Law (3)
- INR4363 - Intelligence Analysis and Reporting (3)
- POS4407 - The Intelligence Community (3)
- INR4401 - International Law (3)
- INR4404 - Space Law (3)
- INR4502 - International Organizations (3)
- INR4714 - Politics of International Trade Policy (3)
- INR4764 - Cyberwarfare Policy (3)
- INR4765 - Emerging Space Powers (3)
- INR4744 - Militaries in World Politics (3)
- POS3733 - Designing Political Science Research (3)
- PUP3014 - Comparative Public Policy (3)
- PUP4510 - Space Policy (3)

Area C: Political Theory

- Complete at least 1 of the following:
 - INR4603 - International Relations Theory (3)
 - POS4206 - Political Psychology (3)
 - POT3302 - Modern Political Ideologies (3)
 - POT4003 - Political Theory (3)
 - POT4025 - Ancient, Medieval and Early Modern Political Philosophy (3)
 - POT4066 - Contemporary Political Theory (3)
 - POT4305 - Democracy, Capitalism, and the Individual (3)
 - POT4314 - Contemporary Democratic Theory (3)
 - POT4331 - Utopia/Dystopia (3)
 - POT4632 - Religion and Politics (3)
- Earn at least 3 credits from the following types of courses:
From any areas listed above.

Grand Total Credits: **30**

Program Details

Total Undergraduate Credit Hours Required: 120

Electives

- To fulfill the 120 hours required in this degree, select primarily from upper level courses after meeting with a school advisor. Courses may be outside the school.
- Internship Program: For students who excel, a limited number of internships may be available each semester for three to six hours of credit. Under the Internship Director, the student is typically placed in an office of local, state, or national government, a law office, or campaign headquarters.
- Students who qualify for Senior Scholars Program may enroll in graduate level courses to satisfy major requirements to take Area courses.
- The following courses are not required, but serious students should consider taking these as free electives:
 - ACG 2021 - Principles of Financial Accounting

- ACG 2071 - Principles of Managerial Accounting
- BUL 3130 - Legal and Ethical Environment of Business
- ENC 3241 - Writing for the Technical Professional
- ENC 3250 - Professional Writing
- LIN 4105 - History of the English Language
- MHF 3302 - Logic and Proof in Mathematics
- PHI 2101 - Formal Logic I
- PLA 3108 - Legal Research
- PLA 3155 - Legal Writing
- POS 4941 - Political Science Internship

Foreign Language Requirements

Graduation

- Proficiency equivalent to two semesters of college instruction in a foreign language or in American Sign Language (ASL). Standardized examinations for foreign languages may be used. ASL proficiency is met by successful completion of ASL 2140 and ASL 2150 or an appropriate score on the ASL proficiency exam. Contact the Department of Communication Sciences and Disorders (<https://healthprofessions.ucf.edu/csd/>) regarding the ASL proficiency examination.

Program Exit Requirements

- Students must maintain a minimum cumulative GPA of 2.0 in all courses used to satisfy major requirements.
- Complete the POS 4961 Exit Course during the student's graduating semester.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

High Impact Learning Experiences

High Impact Learning Experiences are available to all students. Interested students may select from the following options:

- POS 3940 Internship*
- POS 3955 Study Abroad*
- POS 4903H Honors Directed Reading I*
- POS 4904H Honors Directed Reading II*
- POS 4912 Directed Independent Research*
- POS 4941 Internship*
- POS 4955 Study Abroad*
- POS 4970H Undergraduate Honors Thesis*
- Any course designated as Research Intensive
- Any course designated as Service Learning
- Any course designated as an Integrated Learning Experience

* These courses may also be taken with an INR, CPO, PUP, or POT prefix.

Honors In Major

- Application and admission through The Burnett Honors College. More information about Honors in the Major can be found at honors.ucf.edu/research.
- Interested students who meet the requirements are encouraged to participate in the HIM program. Contact the school for information about the program and the HIM coordinator.

Related Programs

- Economics (B.S.)
 - History (B.A.)
 - Philosophy (B.A.)
 - Legal Studies (B.A. or B.S.)
 - Criminal Justice (B.A. or B.S.)
-
- Diplomacy Certificate
 - Intelligence and National Security Certificate
 - Civics Teaching Certificate
-
- Business Minor
 - Criminal Justice Minor
 - Diplomacy Minor
 - Economics Minor
 - English, Creative Writing Minor
 - English, Technical Communication Minor
 - History Minor
 - Human Communication Minor
 - Intelligence and National Security Minor
 - Legal Studies Minor
 - Mass Media Minor
 - Philosophy Minor
 - Public Administration Minor
 - Sociology Minor
 - Writing and Rhetoric Minor

Advising Notes

- Contact your college advisor in the College of Sciences Advising Services (COSAS) office (CSB 250) for more information about overall progress toward your degree, GEP and other university requirements, academic probation, special problems as well as general academic advising.

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.
- Submit your requests for course evaluations at <https://sciences.ucf.edu/cosas/> and click on "COS Course Evaluation".
- The following substitutions for common program prerequisites are acceptable if taken prior to transferring to UCF:
 - POS 2041: any three hours of introductory Political Science classes will satisfy the CPP. However since this course is required in the core of the major and is a prerequisite to subsequent courses, it still must be taken.
 - POS 3703: any three hours of introductory Political Science classes will satisfy the CPP. However since this course is required in the core of the major, it still must be taken.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Political Science Minor

College

College of Sciences

Department

School of Politics, Security, and International Affairs

Program Type

Minor

Program Contact Information

College of Sciences
School of Politics, Security, and Intl Affairs
Howard Phillips Hall (HPH), 302
407-823-2608
politics@ucf.edu

Professor: *Dr. Roger Handberg*
407-823-2608

Admission Requirements

None.

Program Description

Minor Requirements

- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades below "C" (2.0) in lower level courses are not accepted.
- At least 12 hours used in the minor must be earned at UCF within the School of Politics, Security, and Intl Affairs.
- Double major/dual degree policy in Political Science programs and minors. (Note: The myKnight Audit cannot capture overlapping courses between two or more programs; therefore, students should have their program reviewed by the School before filing for graduation.):
 1. Students who double minor in Political Science and International and Global Studies shall not count more than one course toward both programs.
 2. Students who major in International and Global Studies, and minor in Political Science, shall not count more than one course toward both programs, except for the following course; POS 2041 - American National Government

Prerequisite Courses

- Most courses for this minor will have prerequisites completed as a part of a student's GEP requirement, as general electives, or a student can enroll into courses with consent of instructor.

Degree Requirements

Required Course

3 Total Credits

- Complete the following:
 - POS2041 - American National Government (3)

Restricted Electives

15 Total Credits

- Complete all of the following
 - Earn at least 15 credits from the following types of courses:
Five upper division political science courses (courses with prefixes CPO, INR, POS, POT, and PUP; and GEO 3471, which is also a Political Science course).
 - See the Political Science Major description for a list of courses that may be offered by the School.
 - Only three hours of credit for internships, independent study, or directed reading may be used.

Grand Total Credits: **18**

Program Details

Total Undergraduate Credit Hours Required: 18

Other Requirements

- Co-op, or Independent Study credit cannot be used toward the minor without prior school permission.

Political Science, Prelaw Minor

College

College of Sciences

Department

School of Politics, Security, and International Affairs

Program Type

Minor

Program Contact Information

College of Sciences
School of Politics, Security, and Intl Affairs
Howard Phillips Hall (HPH), 302
407-823-2608
politics@ucf.edu

Professor: Dr. Roger Handberg
407-823-2608

Admission Requirements

None

Program Description

Minor Requirements

- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Grades below "C" (2.0) in lower level courses are not accepted.
- At least 12 hours used in the minor must be earned at UCF within the School of Politics, Security, and Intl Affairs.
- Double major/dual degree policy in Political Science programs and minors (Note: The myKnight Audit cannot capture overlapping courses between two or more programs; therefore, students should have their program reviewed by the School before filing for graduation.):
 - Students who double minor in Political Science/Prelaw and International and Global Studies shall not count more than one course toward both programs.
 - Students who major in International and Global Studies, and minor in Political Science/Prelaw shall not count more than one course toward both programs, except the following: POS2041 - American National Government

Prerequisite Courses

- Most courses for this minor will have prerequisites completed as a part of a student's GEP requirement, as general electives, or a student can enroll into courses with consent of instructor.

Degree Requirements

Required Courses

6 Total Credits

- Complete the following:
 - POS2041 - American National Government (3)
 - POS4284 - Judicial Process and Politics (3)

Restricted Electives

12 Total Credits

- Complete all of the following
 - Complete at least 1 of the following:
 - INR4401 - International Law (3)
 - POS4603 - American Constitutional Law I (3)
 - POS4604 - American Constitutional Law II (3)
 - Earn at least 9 credits from the following types of courses:
Select three (3) upper-division political science courses (courses with prefixes CPO, INR, POS, POT, and PUP; and GEO 3471, which is also a Political Science course. See the Political Science Major description for a list of courses that may be offered by the school). Only three hours of credit for internships, independent study, or directed reading may be counted:

Grand Total Credits: **18**

Program Details

Total Undergraduate Credit Hours Required: 18

Other Requirements

- Co-op, or Independent Study credit cannot be used toward the minor without prior school permission.

Political Science, Prelaw Track (B.A.)

College

College of Sciences

Department

School of Politics, Security, and International Affairs

Program Type

Major

Program Contact Information

College of Sciences
School of Politics, Security, and International Affairs
Howard Phillips Hall (HPH), 302
407-823-2608
politics@ucf.edu

Professor: Dr. Roger Handberg
407-823-2608

Admission Requirements

None.

Program Description

While no specific major is prescribed for admission to law school, many prelaw students elect to major in political science. These individuals usually choose the prelaw emphasis within the political science major. Prelaw students are encouraged to work closely with a prelaw advisor in planning their program. By judicious use of electives, students build a firm foundation for law school entry and acquire a broad training which can result in career options upon graduation. For further information, consult one of the School's prelaw advisors or the College of Sciences Prelaw Advisor. The following curriculum meets the requirements for a Political Science degree and prepares you for professional school.

Political Science (B.A.), Prelaw Track may be completed fully online, although not all elective options or program prerequisites may be offered online. Newly admitted students choosing to complete this program exclusively via UCF online classes may enroll with a reduction in campus-based fees.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Co-op or internship credit cannot be used in this major without prior school approval
- Students should consult with a school advisor
- The School Residency Requirement consists of at least 21 semester hours of regularly scheduled courses taken from the UCF School of Politics, Security, and Intl Affairs.
- All prerequisites of courses taught within the College of Sciences will be enforced.
- Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours

Double major/dual degree policy in Political Science programs and minors

1. Students who double major/degree in any Political Science track and International and Global Studies shall not count more than two courses toward both programs, except the following courses;
 - POS 2041 - American National Government
 - POS 3703 - Scope and Methods of Political Science
2. Students who major in any Political Science track, and minor in International and Global Studies, shall not count more than one course toward both programs.
3. The myKnight Audit cannot capture overlapping courses between two or more programs; therefore, students should have their program reviewed by the School before filing for graduation.

General Education (GEP)

GEP Notes
0 Total Credits

- At least one course completed in each Foundation area must be a designated State General Education Core Course. See the catalog GEP description for more information.

Communication Foundation

9 Total Credits

- Complete all of the following
 - GEP 1 & 2- Communication Foundation
 - Complete all courses from the following:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - Complete all of the following
 - SPC1608 - Preferred
 - Complete at least 1 courses from the following:
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

Historical & Cultural Foundation

9 Total Credits

- Complete all of the following
 - GEP 4- Historical & Cultural Foundation
 - Complete all of the following
 - AMH2010, EUH2001 or WOH2022 - Preferred
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - GEP 6- Historical & Cultural Foundation
 - Complete all of the following
 - A course from GEP 5 - Preferred
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)

- EUH2000 - Western Civilization I (3)
- EUH2001 - Western Civilization II (3)
- HUM2020 - Encountering the Humanities (3)
- HUM2210 - Studies in Culture: Ancient to 17th Century (3)
- HUM2230 - Studies in Culture: 17th Century to Present (3)
- WOH2012 - World Civilization I (3)
- WOH2022 - World Civilization II (3)
- GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)

Mathematical Foundation

6 - 7 Total Credits

- Complete all of the following
 - GEP 7- Mathematical Foundation
 - Complete all of the following
 - MGF1106 or MGF1107 - Preferred
 - You may substitute a higher-level MAC course with an appropriate score on the Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - GEP 8- Mathematical Foundation
 - Complete all of the following
 - STA2014 - Preferred
 - You may substitute a higher level statistics course.
 - Complete at least 1 courses from the following:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)

Social Foundation

6 Total Credits

- Complete all of the following
 - GEP 9- Social Foundation
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)

- HSA2117 - Civic Engagement in the US Healthcare System (3)
- PSY2012 - General Psychology (3)
- SYG2000 - Introduction to Sociology (3)
- GEP 10- Social Foundation
 - Complete the following:
 - POS2041 - American National Government (3)

Science Foundation
6 - 8 Total Credits

- Complete all of the following
 - GEP 11- Science Foundation
 - Complete at least 1 courses from the following:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - GEP 12- Science Foundation
 - Complete at least 1 courses from the following:
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - In addition to completing POS2041 (GEP),
 - Complete the following:
 - POS3703 - Scope and Methods of Political Science (3)

Grand Total Credits: **3**

Degree Requirements

Core Requirements: Advanced Level
3 Total Credits

- Complete all of the following
 - In addition to completing POS2041 (GEP) and POS3703 (CPP),
 - Complete the following:
 - POS4284 - Judicial Process and Politics (3)
 - POS4961 - Exit Course
 - POS4961 is completed during graduating semester.

Restricted Electives
27 Total Credits

- Complete all of the following

- Complete at least 1 of the following:
 - INR4401 - International Law (3)
 - POS4603 - American Constitutional Law I (3)
 - POS4604 - American Constitutional Law II (3)
- Complete all of the following
 - Area A: American Politics and Policy
 - Earn at least 6 credits from the following:
 - POS3076 - American Indian Politics (3)
 - POS3122 - State Government and Public Policy (3)
 - POS3173 - Southern Politics (3)
 - POS3182H - Honors Florida Politics (3)
 - POS3233 - Public Opinion (3)
 - POS3234 - Protest in American Politics (3)
 - POS3235H - Honors Mass Media and Politics (3)
 - POS3258 - Politics in Film (3)
 - POS3272 - Civic Engagement (3)
 - POS3273 - Voting and Elections (3)
 - POS3413 - The American Presidency (3)
 - POS3424 - Congress and the Legislative Process (3)
 - POS3443 - Political Parties and Processes (3)
 - POS3463 - Interest Groups (3)
 - POS4764 - GIS for Political Analysis (3)
 - POS4023 - The Politics of LGBTQ+ Policy (3)
 - POS4764 - GIS for Political Analysis (3)
 - POS4074 - Latino Politics (3)
 - POS4023 - The Politics of LGBTQ+ Policy (3)
 - POS4204 - Political Behavior (3)
 - POS4244 - Political Socialization (3)
 - POS4412 - Presidential Campaigning (3)
 - POS4603 - American Constitutional Law I (3)
 - POS4604 - American Constitutional Law II (3)
 - POS4622 - Politics and Civil Rights (3)
 - POS4623 - Guns, Freedom and Citizenship (3)
 - POS4700 - Teaching American Politics and Government (3)
 - POS4764 - GIS for Political Analysis (3)
 - PUP3203 - Environmental Politics (3)
 - PUP3204H - Honors Sustainability (3)
 - PUP3314 - Minorities in American Politics (3)
 - PUP4003 - American Public Policy (3)
 - PUP4209 - Urban Environmental Policy (3)
 - PUP4323 - Women and Public Policy (3)
 - PUP4404 - Education and Politics (3)
 - PUP4503 - Government and Science (3)
 - PUP4510 - Space Policy (3)
 - PUP4744 - Government and Business (3)
 - PUP4931 - Topics in Public Policy (3)
 - Area B: International Relations and Comparative Government
 - Earn at least 6 credits from the following:
 - CPO3034 - Politics of Developing Areas (3)
 - CPO3057 - Contemporary Revolution and Political Violence (3)
 - CPO3103 - Comparative Politics (3)
 - CPO3104 - Politics of Western Europe (3)
 - CPO3132 - Canadian Politics (3)
 - CPO3403 - Politics of the Middle East (3)
 - CPO3614 - Politics of Eastern Europe (3)
 - CPO4062 - Comparative Judicial Process (3)
 - CPO4074 - Political Economy (3)
 - CPO4101 - Politics of the European Union (3)
 - CPO4123 - Government and Politics of Great Britain (3)
 - CPO4303 - Comparative Latin American Politics (3)
 - CPO4400 - Kurdish Politics: Identity, Violence, and Democracy (3)
 - CPO4514 - Politics of East Asia (3)

- CPO4541 - Chinese Politics (3)
- CPO4541 - Chinese Politics (3)
- CPO4643 - Government and Politics of Russia (3)
- CPO4710 - Women in Comparative Politics (3)
- CPO4731 - Politics of Democratization (3)
- CPO4754 - Comparative Political Institutions (3)
- CPO4784 - Political and Economic Inequality in Comparative Perspective (3)
- CPO4794 - Indigenous Politics and the Environment (3)
- GEO3471 - World Political Geography (3)
- INR2002 - International Relations-Theory and Practice (3)
- INR3016 - Global Political Issues (3)
- INR3250 - Politics of Pan-Africanism (3)
- INR3253 - International Politics of Africa (3)
- INR4008 - Global Perspectives (3)
- INR4011 - Politics of Globalization (3)
- INR4030 - Diplomacy (3)
- INR4035 - International Political Economy (3)
- INR4054 - Global Politics of Energy (3)
- INR4060 - Causes of War (3)
- INR4063 - The Cold War (3)
- INR4074 - Immigration Policy (3)
- INR4075 - Human Rights Policy (3)
- INR4076 - Global Drug Policy (3)
- INR4084 - Politics of International Terrorism (3)
- INR4085 - Women, Gender, and Globalization (3)
- INR4102 - American Foreign Policy (3)
- INR4104 - Topics and Cases in American Foreign Policy (3)
- INR4114 - American Security Policy (3)
- INR4115 - Strategic Weapons and Arms Control (3)
- INR4224 - Contemporary International Politics of Asia (3)
- INR4225 - The Vietnam War (3)
- INR4243 - International Politics of Latin America (3)
- INR4274 - International Politics of the Middle East (3)
- INR4304 - Issues in International Public Policy (3)
- INR4335 - Coercion in International Politics (3)
- INR4350 - Global Environmental Politics (3)
- INR4351 - International Environmental Law (3)
- INR4363 - Intelligence Analysis and Reporting (3)
- POS4407 - The Intelligence Community (3)
- INR4401 - International Law (3)
- INR4404 - Space Law (3)
- INR4502 - International Organizations (3)
- INR4714 - Politics of International Trade Policy (3)
- INR4764 - Cyberwarfare Policy (3)
- INR4765 - Emerging Space Powers (3)
- INR4744 - Militaries in World Politics (3)
- POS3733 - Designing Political Science Research (3)
- PUP3014 - Comparative Public Policy (3)
- PUP4510 - Space Policy (3)

Area C: Political Theory

- Earn at least 3 credits from the following:
 - INR4603 - International Relations Theory (3)
 - POS4206 - Political Psychology (3)
 - POT3302 - Modern Political Ideologies (3)
 - POT4003 - Political Theory (3)
 - POT4025 - Ancient, Medieval and Early Modern Political Philosophy (3)
 - POT4066 - Contemporary Political Theory (3)
 - POT4305 - Democracy, Capitalism, and the Individual (3)
 - POT4305 - Democracy, Capitalism, and the Individual (3)
 - POT4331 - Utopia/Dystopia (3)
 - POT4632 - Religion and Politics (3)

Any Area

- Earn at least 9 credits from the following types of courses:

Three courses chosen from Area A, B, or C.

Grand Total Credits: **30**

Program Details

Total Undergraduate Credit Hours Required: 120

Electives

- Select primarily from upper level courses after meeting with a school advisor. Courses may be outside the school.
- Internship Program: For students who excel, a limited number of internships may be available each semester for three to six hours of credit. Under the Internship Director, the student is typically placed in an office of local, state, or national government, a law office, or campaign headquarters.
- Students who qualify for Senior Scholars Program may enroll in graduate level courses to satisfy major requirements to take Area courses.
- The following courses are not required, but serious students should consider taking these as free electives:
 - ACG 2021 - Principles of Financial Accounting
 - ACG 2071 - Principles of Managerial Accounting
 - BUL 3130 - Legal and Ethical Environment of Business
 - ENC 3241 - Writing for the Technical Professional
 - ENC 3250 - Professional Writing
 - LIN 4105 - History of the English Language
 - MHF 3302 - Logic and Proof in Mathematics
 - PHI 2101 - Formal Logic I
 - PLA 3108 - Legal Research
 - PLA 3155 - Legal Writing
 - POS 4941 - Political Science Internship

Foreign Language Requirements

Graduation

- Proficiency equivalent to two semesters of college instruction in a foreign language or in American Sign Language (ASL). Standardized examinations for foreign languages may be used. ASL proficiency is met by successful completion of ASL 2140 and ASL 2150 or an appropriate score on the ASL proficiency exam. Contact the Department of Communication Sciences and Disorders (<https://healthprofessions.ucf.edu/csd/>) regarding the ASL proficiency examination.

Program Exit Requirements

- Students must maintain a minimum cumulative GPA of 2.0 in all courses used to satisfy major requirements.
- Complete the POS 4961 Exit Course during the student's graduating semester.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

High Impact Learning Experiences

High Impact Learning Experiences are available to all students. Interested students may select from the following options:

- POS 3940 Internship*
- POS 3955 Study Abroad*
- POS 4903H Honors Directed Reading I*

- POS 4904H Honors Directed Reading II*
- POS 4912 Directed Independent Research*
- POS 4941 Internship*
- POS 4955 Study Abroad*
- POS 4970H Undergraduate Honors Thesis*
- Any course designated as Research Intensive
- Any course designated as Service Learning
- Any course designated as an Integrated Learning Experience

* These courses may also be taken with an INR, CPO, PUP, or POT prefix.

Honors In Major

- Application and admission through The Burnett Honors College. More information about Honors in the Major can be found at honors.ucf.edu/research.
- Interested students who meet the requirements are encouraged to participate in the HIM program. Contact the school for information about the program and the HIM coordinator.

Related Programs

- Economics (B.S.)
 - History (B.A.)
 - Philosophy (B.A.)
 - Legal Studies (B.A. or B.S.)
 - Criminal Justice (B.A. or B.S.)
-
- Diplomacy Certificate
 - Intelligence and National Security Certificate
 - Civics Teaching Certificate
-
- Business Minor
 - Criminal Justice Minor
 - Diplomacy Minor
 - Economics Minor
 - English, Creative Writing Minor
 - English, Technical Communication Minor
 - History Minor
 - Human Communication Minor
 - Intelligence and National Security Minor
 - Legal Studies Minor
 - Mass Media Minor
 - Philosophy Minor
 - Public Administration Minor
 - Sociology Minor
 - Writing and Rhetoric Minor

Advising Notes

- Contact your college advisor in the College of Sciences Advising Services (COSAS) office (CSB 250) for more information about overall progress toward your degree, GEP and other university requirements, academic probation, special problems as well as general academic advising.

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.
- Submit your requests for course evaluations at <https://sciences.ucf.edu/cosas/> and click on "COS Course Evaluation".
- The following substitutions for common program prerequisites are acceptable if taken prior to transferring

to UCF:

- POS 2041: any three hours of introductory Political Science classes will satisfy the CPP. However since this course is required in the core of the major and is a prerequisite to subsequent courses, it still must be taken.
- POS 3703: any three hours of introductory Political Science classes will satisfy the CPP. However since this course is required in the core of the major, it still must be taken.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oemas.ucf.edu/alc/academic_learning_compacts.htm

Politics of Race, Ethnicity, Gender, and Identity Certificate

College

College of Sciences

Department

School of Politics, Security, and International Affairs

Program Type

Certificate

Program Description

College of Sciences

School of Politics, Security and International Affairs

Howard Phillips Hall (HPH) 302

407-823-2608

Politics@ucf.edu

Professor: Barbara S. Kinsey

This certificate provides students with an introduction to the politics of race, ethnicity, gender, and identity in relation to political behavior, political institutions, and public policy in the United States. It is intended for all majors who seek to understand sources and impact of institutional racism and discrimination and identity politics. It allows for a comparative perspective and a multidisciplinary approach for a broader background. The certificate will be helpful to majors who plan to pursue graduate school, or careers in government, non-profit organizations, mass communications, and more generally, employment in the private sector.

Admission Requirements

- None

Certificate Requirements

- A minimum of 2.0 GPA is required for courses counting towards the certificate.
- At least 9 hours used toward the certificate must be taken at UCF.
- At least 6 hours toward the certificate must be Political Science courses
- Internships, independent study and substitute courses/new courses are allowed at the director's discretion (for a maximum of 3 credit hours) Prerequisite Courses
- Students must satisfy each course's prerequisites before enrolling in the class.

Program Details

Required Course (3 Credit Hours)

Select one course from the following (if both courses are taken one will count as an elective) Credits / Units: 3

- POS 4622 - Politics and Civil Rights **Credit Hours: 3**
- PUP 3314 - Minorities in American Politics **Credit Hours: 3**

Restricted Electives (9 Credit Hours)

Select three courses from the following list: Credits / Units: 9

- ANT 3451 - Race Matters: Anthropological Approaches to Racism **Credit Hours: 3**
- AMH 3560 - Women, Law, and Society in American History **Credit Hours: 3**
- AMH 3562 - Women in American History II **Credit Hours: 3**
- AMH 3572 - Black American History II **Credit Hours: 3**
- AMH 3580 - North American Indians **Credit Hours: 3**
- AMH 4575 - History of the Civil Rights Movement **Credit Hours: 3**
- CPO 4710 - Women in Comparative Politics **Credit Hours: 3**
- CPO 4794 - Indigenous Politics and the Environment **Credit Hours: 3**
- INR 3250 - Politics of Pan-Africanism **Credit Hours: 3**
- INR 4074 - Immigration Policy **Credit Hours: 3**
- INR 4075 - Human Rights Policy **Credit Hours: 3**
- INR 4085 - Women, Gender, and Globalization **Credit Hours: 3**
- LAS 4023 - African Caribbean Experience **Credit Hours: 3**
- PLA 4843 - Immigration Law and Policy **Credit Hours: 3**
- PLA 4886 - Sexuality, Gender, & the Law **Credit Hours: 3**
- POS 3076 - American Indian Politics **Credit Hours: 3**
- POS 3173 - Southern Politics **Credit Hours: 3**
- POS 3234 - Protest in American Politics **Credit Hours: 3**
- POS 4023 - The Politics of LGBTQ+ Policy **Credit Hours: 3**
- POS 4030 - The Politics of Sports **Credit Hours: 3**
- POS 4074 - Latino Politics **Credit Hours: 3**
- POS 4604 - American Constitutional Law II **Credit Hours: 3**
- PUP 4323 - Women and Public Policy **Credit Hours: 3**
- SYD 3700 - Race and Ethnicity **Credit Hours: 3**
- SYD 3772 - Race and Social Media **Credit Hours: 3**
- SYD 3800 - Sex and Gender in Society **Credit Hours: 3**
- SYD 4810 - Women in Contemporary Society **Credit Hours: 3**
- SYD 4813 - Women, Law and Social Change **Credit Hours: 3**
- WST 3015 - Introduction to Women's Studies **Credit Hours: 3**
- WST 3371 - Women and Leadership **Credit Hours: 3**
- WST 3603 - Introduction to Gender Studies **Credit Hours: 3**
- WST 4349 - Ecofeminism **Credit Hours: 3**

Total Undergraduate Hours Required: 12

Other Requirements

- None

Psychology (B.S.)

College

College of Sciences

Department

Department of Psychology

Program Type

Major

Program Contact Information

College of Sciences
Department of Psychology
Psychology Building (PSY), 301
407-823-4344
psyinfo@ucf.edu

Psychology Advising Center
Psychology Building (PSY), 250
407-823-2219
psychadvising@ucf.edu

Is this program available 100% online?

Yes

UCF Online

Online Psychology, BS

Admission Requirements

None.

Program Description

Psychology (B.S.) may be completed fully online, although not all elective options or program prerequisites may be offered online. Newly admitted students choosing to complete this program exclusively via UCF online classes may enroll with a reduction in campus-based fees.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog
- Departmental Residency Requirement: at least 21 semester hours of regularly scheduled 3000-4000 level courses must be taken from the UCF Psychology Department
- Students must earn a grade of "C" (2.0) or better in each course used to satisfy the CPP, Core Requirements, Restricted Electives and Science Electives.
- Students must maintain a minimum cumulative GPA of 2.0 in all courses satisfying major requirements. If additional Psychology courses are taken beyond the minimum required (e.g. additional restricted electives), those courses will be included in the GPA calculation.
- Students can select only one Track.
- Co-op or internship credit cannot be used in this major without prior approval
- Additional requirements exist for students pursuing the Honors in the Major program.
- All prerequisites of courses taught within the College of Sciences will be enforced.
- Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.

General Education (GEP)

36 - 39 Total Credits

- Complete all of the following
 - GEP 1 & 2- Communication Foundation
 - Complete all courses from the following:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - Complete at least 1 courses from the following:
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - GEP 4- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - GEP 6- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)

- FIL2030 - History of Motion Pictures (3)
- FIL3036 - Film History I (3)
- FIL3037 - Film History II (3)
- LIT2110 - World Literature I (3)
- LIT2120 - World Literature II (3)
- MUH2017 - Survey of Rock Music (3)
- MUH2019 - American Popular Music, 1840s-present (3)
- MUL2016 - Evolution of Jazz (3)
- MUL2720 - Music of the World (3)
- PHI2010 - Introduction to Philosophy (3)
- REL2300 - World Religions (3)
- THE2000 - Theatre Survey (3)
- MUL2010 - Enjoyment of Music (3)
- GEP 7- Mathematical Foundation
 - Complete all of the following
 - MAC 1105C - Preferred. You may substitute a higher level math with appropriate scores on the Math Placement Test.
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
- GEP 8- Mathematical Foundation
 - Complete at least 1 of the following:
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
- GEP 9- Social Foundation
 - Complete the following:
 - PSY2012 - General Psychology (3)
- GEP 10- Social Foundation
 - Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
- GEP 11- Science Foundation
 - Complete all of the following
 - If additional biology courses are planned, take BSC 2010C
 - Complete at least 1 courses from the following:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
- GEP 12- Science Foundation
 - Complete all of the following
 - If additional biology courses are planned, take BSC 2010C
 - Complete at least 1 of the following:
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

3 Total Credits

- Complete all of the following
 - In addition to completing all of the required GEP (PSY 2012, BSC 1005 OR BSC 2010C, STA 2014C, and STA 2023),
 - Complete the following:
 - DEP2004 - Developmental Psychology (3)

Grand Total Credits: **3**

Degree Requirements

Core Requirements: Basic

0 Total Credits

- The Basic Core is fulfilled by completion of the required GEP and CPP (see above).

Core Requirements: Advanced

26 Total Credits

- Complete the following:
 - EXP3604 - Cognitive Psychology (3)
 - PSB3002 - Physiological Psychology (3)
 - PSY3024 - Psychology: Career Readiness I (2)
 - PSY3074 - Psychology: Career Readiness II (2)
 - PSY3204C - Statistical Methods in Psychology (4)
 - PSY3213C - Research Methods in Psychology (4)
 - PSY4049 - Psychology Capstone (2)
 - PSY4604 - History and Systems of Psychology (3)
 - SOP3004 - Social Psychology (3)

Restricted Electives

9 Total Credits

- Complete all of the following
 - Diversity Elective
 - Complete all of the following
 - Additional restricted electives may be added as approved.
 - Complete at least 1 of the following:
 - SOP3723 - Cross Cultural Psychology (3)
 - SOP3724 - Psychology of Prejudice (3)
 - SOP3742 - Psychology of Women (3)
 - SOP3784 - Psychology of Diversity (3)
 - Math/Science Electives
 - Complete all of the following
 - Students must meet the course prerequisites for any course they select. See course listing for prerequisites.
 - Earn at least 6 credits from the following types of courses:
 - ANT 2511 - The Human Species ANT 3541 - Biobehavioral Anthropology ANT 3550C - Primatology ANT 4516 - Human Biological Diversity ANT 4586C - Human Origins BSC 2011C - Biology II BSC 4312C - Advanced Marine Biology CHM 1020 - Concepts in Chemistry CHM 2045C - Chemistry Fundamentals I CHM 2046 - Chemistry Fundamentals II EVR XXXX - Any EVR prefix course HSA 4702 - Health Sciences Research Methods HSC 3147 - Introduction to Pharmacology MAC 2233 - Concepts of Calculus MAC 2253 - Applied Calculus MCB XXXX - Any MCB prefix course PCB 3063 - Genetics PCB 3703C - Human Physiology PHY 2053C - College Physics I Studio PSC 1121 - Physical Science STA 4102 - Computer Processing of Statistical Data STA 4163 - Statistical Methods II STA 4164 - Statistical Methods III ZOO XXXX - Any ZOO prefix course
 - Additional courses may be added as approved.

Psychology Track

15 - 16 Total Credits

- Complete 1 of the following

- Clinical Psychology

- Complete all of the following

- A grade of "C" (2.0) or better is required in each course used to complete this track.
 - Complete the following:

- CLP3143 - Abnormal Psychology (3)

- Complete at least 4 of the following:

- APK3400 - Sports Psychology (3)
 - CLP3004 - Behavioral Self Control (3)
 - CLP3184 - Women's Mental Health (3)
 - CLP3302 - Clinical Psychology (3)
 - CLP3413 - Contemporary Behavior Therapy (3)
 - CLP4314 - Health Psychology (3)
 - CLP4390 - Forensic Psychology (3)
 - DEP3464 - Psychology of Aging (3)
 - EAB3703 - Principles of Behavior Modification (3)
 - PCO4203 - Interviewing and Counseling (3)
 - PPE3003 - Personality Theory and Research (3)
 - PSB3441 - Psychobiological Aspects of Drugs (3)
 - PSY3302 - Psychological Measurement (3)
 - PSY4215C - Advanced Research Methods in Psychology (4)
 - SOP2772 - Sexual Behavior (3)
 - SOP3751 - Legal Aspects of Psychology (3)
 - CLP4134 - Childhood Psychopathology (3)

- Additional courses may be added as approved.

- Experimental

- Complete all of the following

- A grade of "C" (2.0) or better is required in each course used to complete this track.
 - Additional courses may be added as approved.

- Complete at least 5 of the following:

- EXP3304 - Motivation and Emotion (3)
 - EXP3640 - Psychology of Language (3)
 - EXP3404 - Basic Learning Processes (3)
 - EXP4507 - Advanced Human Memory and Cognition (3)
 - EXP3204 - Sensation and Perception (3)
 - PSY3302 - Psychological Measurement (3)
 - PSY3320C - Survey Methods in Psychology (3)
 - PSY3625 - Science and Pseudoscience in Psychology (3)
 - PSY4215C - Advanced Research Methods in Psychology (4)

- General

- Complete all of the following

- A grade of "C" (2.0) or better is required in each course used to complete this track.
 - Earn at least 15 credits from the following types of courses:

Select any 5 courses from those taught by the Psychology department (15 to 16 Credit Hours).

- NOTE: The following courses will NOT fulfill the General Track. INP 3141C, INP 3951, PSY 3905 Directed Independent Study PSY 4906 Directed Independent Study PSY 4912 Directed Independent Research

- Human Factors Psychology

- Complete all of the following

- A grade of "C" (2.0) or better is required in each course used to complete this track.
 - Complete the following:

- EXP3250 - Principles of Human Factors Psychology (3)

- Complete at least 4 of the following:

- EXP3304 - Motivation and Emotion (3)
 - EXP3204 - Sensation and Perception (3)
 - EXP4507 - Advanced Human Memory and Cognition (3)
 - PPE3003 - Personality Theory and Research (3)
 - PSB4240 - Neuropsychology (3)
 - PSY3320C - Survey Methods in Psychology (3)
 - PSY4215C - Advanced Research Methods in Psychology (4)

- Additional courses may be added as approved.
- Industrial/Organizational Psychology
 - Complete all of the following
 - A grade of "C" (2.0) or better is required in each course used to complete this track.
 - Complete the following:
 - INP3004 - Industrial/Organizational Psychology (3)
 - Earn at least 12 credits from the following:
 - CLP4314 - Health Psychology (3)
 - EXP3304 - Motivation and Emotion (3)
 - EXP3404 - Basic Learning Processes (3)
 - INP3141C - Advanced Applied Psychology (1 - 3)
 - INP3951 - Industrial/Organizational Field Work (3)
 - INP4313 - Organizational Psychology (3)
 - INP4380 - Psychology of Teamwork (3)
 - PPE3003 - Personality Theory and Research (3)
 - PSY3302 - Psychological Measurement (3)
 - PSY4215C - Advanced Research Methods in Psychology (4)
 - Additional courses may be added as approved.
- Neuroscience
 - Complete all of the following
 - A grade of "C" (2.0) or better is required in each course used to complete this track.
 - Complete the following:
 - PSB4240 - Neuropsychology (3)
 - Complete at least 4 of the following:
 - EXP3204 - Sensation and Perception (3)
 - EXP3304 - Motivation and Emotion (3)
 - PSB3441 - Psychobiological Aspects of Drugs (3)
 - PSB3842 - Sleep and Dreams (3)
 - PSY4215C - Advanced Research Methods in Psychology (4)
 - Additional courses may be added as approved.

Capstone Requirement
2 Total Credits

- Complete the following:
 - PSY4049 - Psychology Capstone (2)

Grand Total Credits: **52 - 53**

Program Details

Electives

- To fulfill the 120 hours required in this degree, select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the department.

Foreign Language Requirements

Graduation

- Proficiency equivalent to one year of college instruction in either a foreign language, or two semesters equivalent of American Sign Language. Standardized examinations may be used to meet the requirement.

Departmental Exit Requirements

- Students must earn at least a "C" (2.0) in each course used to satisfy the CPP, Core Requirements, Restricted Electives and Science Electives.
- Students must maintain a minimum cumulative GPA of 2.0 in all courses satisfying major requirements. If additional Psychology courses are taken beyond the minimum required (e.g., additional restricted electives), those courses will be included in the GPA calculation.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 42 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120 Honors In Major

Additional Requirements: 6 Credit Hours

- The Honors in Psychology is available to majors who show outstanding scholarship and promise in psychology.
- Apply and be accepted into the program through the department and The Burnett Honors College. More information about Honors in the Major can be found at honors.ucf.edu/research.
- Fulfill University requirements for Honors in the Major.
- Earn an overall UCF GPA above 3.2.
- All grades in Psychology courses must be a "B" (3.0) or higher.
- Have a Psychology GPA above 3.5, based on at least 11 credits, including the following course.
 - PSY 3213C - Research Methods in Psychology **Credit Hours: 4**
 - PSY 4903H - Honors Directed Reading I **Credit Hours: 3**
 - PSY 4970H - Undergraduate Honors Thesis **Credit Hours: 3**

Advising Notes

- Visit the Psychology Advising Center (PSY 250); walk-in advising available Monday and Friday from 9 to 5.

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.
- Acceptable Substitutes for Transfer Courses
 - The following substitutions for common program prerequisites are acceptable if taken prior to transferring to UCF:
 - Biology; any lower level BSC course or ZOO X010 will satisfy the CPP. However, the course is required in the core and still must be taken. In addition, the advanced course is a prerequisite for some courses.
 - Statistics; any lower level STA course will satisfy the CPP. However, the course is required in the core and still must be taken. In addition, they are prerequisites for some courses.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.o eas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$13.00 per term
- Full-Time Student: \$26 per term

Psychology Minor

College

College of Sciences

Department

Department of Psychology

Program Type

Minor

Program Contact Information

**College of Sciences
Psychology Department
Psychology Building (PSY), 301
407-823-4344
psyinfo@ucf.edu**

**Psychology Advising Center
Psychology Building (PSY), 250
407-823-2219
psychadvising@ucf.edu**

Admission Requirements

- The minor is not open to psychology majors.

Program Description

The Psychology Minor permits emphasis of several areas; Clinical Psychology, Human Factors Psychology, and Industrial/Organizational Psychology. When designing a minor, select courses which strengthen graduate school preparation and/or employment potential. Emphasis areas will not appear on the transcript.

Minor Requirements

- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- Students must maintain a minimum GPA of "C" (2.0) in the minor.
- At least 12 hours used in the minor must be earned at UCF within the Psychology Department.

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Degree Requirements

Required Courses

10 Total Credits

- Complete all of the following
 - Complete the following:
 - PSY2012 - General Psychology (3)
 - PSY3204C - Statistical Methods in Psychology (4)
 - Complete at least 1 of the following:
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)

Restricted Electives

15 Total Credits

- Complete all of the following
 - Experimental
 - Complete at least 1 of the following:
 - EXP3204 - Sensation and Perception (3)
 - EXP3404 - Basic Learning Processes (3)
 - EXP3604 - Cognitive Psychology (3)
 - EXP3640 - Psychology of Language (3)
 - PSB4240 - Neuropsychology (3)
 - Personality/Social
 - Complete at least 1 of the following:
 - PPE3003 - Personality Theory and Research (3)
 - SOP3004 - Social Psychology (3)
 - Developmental
 - Complete at least 1 of the following:
 - DEP2004 - Developmental Psychology (3)
 - DEP3464 - Psychology of Aging (3)
 - Diversity
 - Complete all of the following
 - Additional courses may be added as approved.
 - Complete at least 1 of the following:
 - CLP3184 - Women's Mental Health (3)
 - SOP3723 - Cross Cultural Psychology (3)
 - SOP3724 - Psychology of Prejudice (3)
 - SOP3742 - Psychology of Women (3)
 - SOP3784 - Psychology of Diversity (3)
 - Other Psychology Elective
 - Complete all of the following
 - Earn at least 3 credits from the following types of courses:
Select one additional psychology elective.
 - The following courses will NOT fulfill this requirement: INP 3141C - Advanced Applied Psychology Credit Hours: 1-3 INP 3951 - Industrial/Organizational Field Work Credit Hours: 3 PSY 3905 - Directed Independent Study Credit Hours: 1 PSY 4906 - Directed Independent Study Credit Hours: 3 PSY 4912 - Directed Independent Research Credit Hours: 3
 - PSY 3951 - Undergraduate Field Work - may only fulfill the requirement with prior approval.

Grand Total Credits: **25**

Program Details

Total Undergraduate Credit Hours Required: 25

Other Requirements

- Internship, Co-op, or Independent Study credit cannot be used toward the minor.

Social Sciences (B.S.)

College

College of Sciences

Department

Department of Sociology

Program Type

Major

Program Contact Information

College of Sciences
Sociology Department
Howard Phillips Hall (HPH), 403
407-823-3744
sociology@ucf.edu

Lecturer, Social Science Program Director and Sociology Undergraduate Director: Dr. Michael Armato
407-823-0758
michael.armato@ucf.edu

Is this program available 100% online?

Yes

UCF Online

Online Social Sciences, BS

Admission Requirements

None

Program Description

Students majoring in the Social Sciences Interdisciplinary B.S. program are provided with interdisciplinary breadth and depth in the Social Sciences as they fulfill the requirements of three separate social science minors of their choice, a statistics course, and a methodology course. The Social Science minors are housed in Anthropology, Communication, Political Science, Psychology, Sociology, and Women's and Gender Studies. This major supports UCF's goal of offering the best undergraduate education available in Florida with flexibility that is absent in most discipline-specific programs.

Social Sciences (B.S.) may be completed fully online, although not all elective options or program prerequisites may be offered online. Newly admitted students choosing to complete this program exclusively via UCF online classes may enroll with a reduction in campus-based fees.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students must meet the residency requirements specified in each minor.
- Special topics courses may be used if they are acceptable within the specific minor.
- Grades below "C" (2.0) in lower level courses and core courses are not accepted.
- Students must achieve a minimum cumulative UCF GPA of 2.0 in all courses satisfying major requirements.
- Students must maintain a minimum GPA of 2.0 in each Social Science discipline.
- Internship credit must be approved by Coordinator of Social Sciences.
- Independent Studies and Directed Independent Research (course numbers 3905, 4906, 5907, 4912, 5917, 3940, 4941) must be approved by the Coordinator of Social Sciences prior to enrollment.
- All prerequisites of courses taught within the College of Sciences will be enforced.
- Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.

General Education (GEP)

GEP Notes

0 Total Credits

- At least one course completed in each Foundation area must be a designated State General Education Core Course. See the catalog GEP description for more information.

Communication Foundation

9 Total Credits

- Complete all of the following
 - GEP 1 & 2- Communication Foundation
 - Complete all courses from the following:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Note: SPC1608 is required if a Communication concentration is followed for the major.

Historical & Cultural Foundation

9 Total Credits

- Complete all of the following
 - GEP 4- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)

- EUH2001 - Western Civilization II (3)
- HUM2020 - Encountering the Humanities (3)
- HUM2210 - Studies in Culture: Ancient to 17th Century (3)
- HUM2230 - Studies in Culture: 17th Century to Present (3)
- WOH2012 - World Civilization I (3)
- WOH2022 - World Civilization II (3)
- GEP 5- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - GEP 6- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)

Mathematical Foundation

6 - 7 Total Credits

- Complete all of the following
 - GEP 7- Mathematical Foundation
 - Complete all of the following
 - MGF1106 or MGF1107 - Preferred
 - You may substitute a higher-level MAC course with an appropriate score on the Math

Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>

- Complete at least 1 courses from the following:
GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)

GEP 8- Mathematical Foundation

- Complete at least 1 of the following:
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)

Social Foundation

6 Total Credits

- Complete all of the following
GEP 9- Social Foundation
 - Complete all of the following
 - Depending on the concentration to be followed,
 - Complete at least 1 of the following:
 - ANT2000 - General Anthropology (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
- GEP 10- Social Foundation
 - Complete the following:
 - POS2041 - American National Government (3)

Science Foundation

6 - 8 Total Credits

- Complete all of the following
GEP 11- Science Foundation
 - Complete at least 1 courses from the following:
GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
- GEP 12- Science Foundation
 - Complete at least 1 courses from the following:
GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - Students must complete two introductory courses (6 hours) in a social science discipline, and those courses should be selected dependent on the minors (areas of concentration) followed.
 - Any two introductory Social Sciences courses can meet the CPP requirements. These include courses with the following prefix: ANT, CPO, ECO, GEO, INR, POS, SYA, SYD, SYG, SYO, SYP, ISS. Note that Core Requirements may depend on specific prerequisite courses completed as a part of the GEP or CPP.
 - If completed in the GEP, the CPP is fulfilled by completing (ANT2000 or SYG2000) and POS2041.

Grand Total Credits: **0**

Degree Requirements

Core Requirements: Basic Level

0 Total Credits

- Complete all of the following
 - In addition to completing STA2014 or STA2023 (GEP) and the social science CPP course requirement,
 - Complete three (3) of the following courses dependent on the minors (areas of concentration) that are selected as a part of this degree: ANT2000 - General Anthropology POS2041 - American National Government PSY2012 - General Psychology SPC1608 - Fundamentals of Oral Communication SYG2000 - Introduction to Sociology WST3603 - Introduction to Gender Studies
 - Note: One or more of the above courses may have been completed in the GEP or CPP requirement.

Core Requirements: Advanced Level

3 - 4 Total Credits

- Complete at least 1 of the following:
 - ANT4852 - GIS Methods in Anthropology (3)
 - COM3311 - Communication Research Methods (3)
 - POS3703 - Scope and Methods of Political Science (3)
 - PSY3213C - Research Methods in Psychology (4)
 - SYA3352 - Spatial Sociology I: Intro to GIS (3)
 - SYA4300C - Research Methods (4)

Required Minors

54 Total Credits

- Complete all of the following
 - Earn at least 54 credits from the following types of courses:
Complete the requirements for three (3) Social Science minors from the following list; however, only one minor may be taken within a single department or school:
 - - Anthropology Minor (18 hours) - American Indian Studies Minor (18 hours) - Anthropological Archaeology Minor (18 hours) - Biological Anthropology Minor (18 hours) - Crime, Law, and Deviance Minor (18 hours) - Cultural Anthropology Minor (18 hours) - Diplomacy Minor (18 hours - at least 6 hrs of Restricted Electives must be taken from courses with INR or POT prefixes) - Diversity and Social Inequality Minor (18 hours) - Global Peace and Security Studies Minor (18 hours - at least 9 hrs of Restricted Electives must be CPO, INR, or POT prefixes) - Global Sociology Minor (16 hours) - Human Communication Minor (21 hours) - International and Global Studies Minor (21 hours - 3 hrs of Restricted Electives from "Group C". Other must be COP or SYP prefixes) - Journalism Studies Minor (18 hours) - Magazine Journalism Minor (18 hours) - Mass Media Minor (18 hours) - Mass Culture and Collective Behavior Minor (18 hours) - Medical Anthropology Minor (18 hours) - Medical Sociology Minor (18 hours) - Political Science Minor (18 hours) - Political Science, Prelaw Minor (18 hours) - Psychology Minor (25 hours) - Sociology Minor (18 hours) - Terrorism Studies Minor (18 hours - at least 9 hrs of Restricted Electives, including Restricted Upper Division Electives, must be COM, CPO, INR, or other prefixes approved by Coordinator of Social Sciences) - Women's and Gender Studies Minor (18 hours - at least 6 hrs of Restricted Electives must be taken from courses with ANT, CLP, COM, CPO, INR, SOP, SYD, SYO, or WST)

Capstone

0 Total Credits

- Students will be required to take an exit exam in their graduating semester.

Grand Total Credits: **57 - 58**

Program Details

Total Undergraduate Credit Hours Required: 120

Electives

- To fulfill the 120 hours required in this, please ensure you meet with a departmental advisor.
- After meeting with an advisor, select electives primarily from upper level courses to satisfy the 48 hour rule. Courses may be from outside the concentration areas.

Foreign Language Requirements

Graduation

- Some minors may also require a foreign language. Check with department of minor.

Required Minors

- Three minors are required to be completed as a part of this degree.
- See the degree requirements for the list of approved minors and any additional restrictions.
- Only one minor may be taken within a single department or school.

Departmental Exit Requirements

- Maintain a minimum GPA of 2.0 in each Social Science discipline.
- A minimum grade of "C" (2.0) in all core courses is required.
- Students will be required to take an exit exam in their graduating semester.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 48 semester hours of upper-division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Honors in the Major

- Application and admission through The Burnett Honors College and department. More information about Honors in the Major can be found at honors.ucf.edu/research.

Advising Notes

- Students should seek advising with the Social Sciences Coordinator for major. For advising regarding selected minors, see the Departmental Advisor.
- Contact your college advisor in the College of Sciences Advising Services (COSAS) office (CSB 250) for more information about overall progress toward your degree, GEP and other university requirements, academic probation, special problems as well as general academic advising.

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Transfer courses must be evaluated for equivalency credit and/or for use in the degree program. The student must provide all supporting information.
- Submit your requests for course evaluations at <https://sciences.ucf.edu/cosas/> and click on "COS Course Evaluation".
- Any two introductory Social Sciences courses could meet CPP requirements. However, core requirements may be dependent on specific prerequisite courses completed as a part of either the GEP or CPP requirements.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Sociology (B.A./ B.S.)

College

College of Sciences

Department

Department of Sociology

Program Type

Major

Program Contact Information

College of Sciences
Sociology Department
Howard Phillips Hall (HPH), 403
407-823-3744
sociology@ucf.edu

Lecturer, Social Science Program Director and Sociology Undergraduate Director: Dr. Michael Armato
407-823-0758
michael.armato@ucf.edu

Is this program available 100% online?

Yes

UCF Online

Online Sociology, BA/BS

Sociology (B.A./B.S.) may be completed fully online , although not all elective options or program prerequisites may be offered online. Newly admitted students choosing to complete this program exclusively via UCF online classes may enroll with a reduction in campus-based fees.

Admission Requirements

None.

Program Description

The Sociology degree, which may be completed online, face-to-face, or as a mix of online and face-to-face courses, has two major goals: 1) to promote undergraduate student excellence and 2) to advance career success for graduates by providing them with tangible, career-oriented skills. A dedicated faculty offers state-of-the-art courses that are relevant to current issues affecting our students' lives and their future careers. Graduates are prepared for careers that require employees who think critically and have analytic and technical skills related to understanding crime, law, and deviance; medical sociology; diversity and inequalities; and/or mass culture and collective behavior. All students complete individual, original research projects.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Departmental Residency Requirement: at least 24 semester hours of regularly scheduled 3000-4000 level courses must be taken from the UCF Sociology Department.
- Students must earn at least a "C" (2.0) or higher in each core course.
- Students must have at least a "C" (2.0) in each UCF course satisfying major requirements.
- Students must maintain a minimum cumulative GPA of 2.0 in all courses satisfying major requirements.
- Experiential Education credit cannot be used for credit in this major.
- Directed Independent studies, directed independent research, and internships must be approved by the Sociology department prior to enrollment.
- No more than 12 hours of directed independent study, directed independent research, and internship (course numbers 3905, 4906, 5907, 4912, 5917, 3940, & 4941) credit may be used for the major.
- All prerequisites of courses taught within the College of Sciences will be enforced.
- Students should consult annually with a departmental advisor.
- Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.

General Education (GEP)

GEP Notes

0 Total Credits

- At least one course completed in each Foundation area must be a designated State General Education Core Course. See the catalog GEP description for more information.

Communication Foundation

9 Total Credits

- Complete all of the following
 - GEP 1 & 2- Communication Foundation
 - Complete all courses from the following:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - GEP 3- Communication Foundation
 - Complete at least 1 courses from the following:
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

Historical & Cultural Foundation

9 Total Credits

- Complete all of the following
 - GEP 4- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)

- HUM2230 - Studies in Culture: 17th Century to Present (3)
- WOH2012 - World Civilization I (3)
- WOH2022 - World Civilization II (3)
- GEP 5- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - GEP 6- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
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 - LIT2110 - World Literature I (3)
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 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)

Mathematical Foundation

6 - 7 Total Credits

- Complete all of the following
 - GEP 7- Mathematical Foundation
 - Complete all of the following
 - MAC1105C - Preferred
 - Prior to enrolling in any MAC course, take the Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation

- MAC1105C - College Algebra (3)
- MAC2311C - Calculus with Analytic Geometry I (4)
- MGF1106 - Finite Mathematics (3)
- MGF1107 - Explorations in Mathematics (3)
- GEP 8- Mathematical Foundation
 - Complete all of the following
 - STA2014 - Preferred
 - Complete at least 1 courses from the following:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)

Social Foundation 6 Total Credits

- Complete all of the following
 - GEP 9- Social Foundation
 - Complete the following:
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundation 6 - 8 Total Credits

- Complete all of the following
 - GEP 11- Science Foundation
 - Complete at least 1 courses from the following:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - GEP 12- Science Foundation
 - Complete at least 1 courses from the following:
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36 - 39**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - In addition to completing SYG2000 (GEP),
 - Earn at least 3 credits from the following types of courses:
Any course with an SYA, SYD, SYG, SYO, or SYP prefix.

Grand Total Credits: **3**

Degree Requirements

Core Requirements: Basic Level

0 Total Credits

- Basic Core fulfilled by completing SYG2000 (GEP).

Core Requirements: Advanced Level

11 Total Credits

- Complete the following:
 - SYA3110 - Social Theory (3)
 - SYA3400C - Applied Social Statistics (4)
 - SYA4300C - Research Methods (4)

Restricted Electives

27 Total Credits

- Complete all of the following
 - Earn at least 27 credits from the following types of courses:
All courses with the prefixes SYA, SYD, SYG, SYO, or SYP, including special topics courses, count toward the restricted electives requirement.
 - 24 credit hours must be at the 3000-4000 level, and taken within the Sociology Department at UCF. Additional courses can be taken as approved.
 - Students may enroll for up to a total of 12 credit hours of Internship and/or Independent Study during their UCF undergraduate career. Arrangements for internships are coordinated by the Director of Department Undergraduate Program and require approval prior to beginning the work.
 - 5000 level Graduate Courses may be taken by undergraduates with Consent of the Instructor.

Methods Course (B.S. Option) (Optional)

3 - 4 Total Credits

- Complete all of the following
 - An additional methods course is required if pursuing the B.S. degree.
 - Complete at least 1 of the following:
 - SYA3352 - Spatial Sociology I: Intro to GIS (3)
 - SYA4310C - Qualitative Research Analysis in Sociology (4)
 - SYA4354 - Geographic Information Systems Applications (3)
 - SYA4900 - Applied Sociology (4)
 - SYA4959 - Participatory Geographic Information Systems in Belize (3)
 - SYO3573 - Social Networks: Theory & Applications (3)

Capstone Requirement

4 Total Credits

- Complete the following:
 - SYA4450 - Data Analysis: Capstone (4)

Grand Total Credits: **45 - 46**

Program Details

Total Undergraduate Credit Hours Required: 120

Electives

- To fulfil the 120 hours required in this degree, select electives primarily from 3000 and 4000 level courses from within the Sociology Department, as well as from other departments.

Foreign Language Requirements

Graduation

- B.S. Option: None
- B.A. Option: Proficiency equivalent to two semesters of college instruction in a foreign language or in American Sign Language (ASL). Standardized examinations for foreign languages may be used. ASL proficiency is met by successful completion of ASL 2140 and ASL 2150 or an appropriate score on the ASL proficiency exam. Contact the Department of Communication Sciences and Disorders (<https://healthprofessions.ucf.edu/csd/>) regarding the ASL proficiency

Additional Requirements

- B.A. Option: No additional requirements
- B.S. Option: Select one additional methods course (3 Credit Hours) from the following:
 - SYA 3352 - Spatial Sociology I: Intro to GIS
 - SYA 4310C - Qualitative Research Analysis in Sociology
 - SYA 4354 - Geographic Information Systems Applications
 - SYA 4900 - Applied Sociology
 - SYA 4959 - Participatory Geographic Information Systems in Belize
 - SYO 3573 - Social Networks: Theory & Applications

Departmental Exit Requirements

- A minimum of "C" (2.0) or better in each course used for the major.
- Students must have at least a "C" (2.0) or better overall in the major.
- For assessment purposes, students are required to take a standard exit exam, for which there is no credit or grade,
- toward the end of their final semester before graduation.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 48 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Honors In Major

- Application and admissions through The Burnett Honors College and department. More information about Honors in the Major can be found at honors.ucf.edu/research.

Related Programs

- Anthropology (B.A.)
- Communication & Conflict (B.A.)
- Criminal Justice (B.A. or B.S.)
- Political Science (B.A.)
- Psychology (B.S.)
- Social Sciences (B.S.)
- Women's and Gender Studies programs

Advising Notes

- Student majors are assigned a faculty advisor. To meet with your advisor, you should check their office hours or contact them via email or the department office phone to set up an appointment. If you do not know who your advisor is, contact the main office.
- Contact your college advisor in the College of Sciences Advising Services (COSAS) office (CSB 250) for more information about overall progress toward your degree, GEP and other university requirements, academic probation, special problems as well as general academic advising.

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information (e.g., syllabus, course catalog description).
- Submit your requests for course evaluations at <https://sciences.ucf.edu/cosas/> and click on "COS Course Evaluation".
- Although the statewide Common Program Prerequisites accept any lower division sociology course, SYG 2000 - Introduction to Sociology must be taken because it is the basic course and prerequisite requirement in Sociology.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$5 per term
- Full-Time Student: \$10 per term

Sociology Minor

College

College of Sciences

Department

Department of Sociology

Program Type

Minor

Program Contact Information

**College of Sciences
Sociology Department
Howard Phillips Hall (HPH), 403
407-823-3744
sociology@ucf.edu**

Lecturer, Social Science Program Director and Sociology Undergraduate Director: Dr. Michael Armato
407-823-0758
michael.armato@ucf.edu

Admission Requirements

- The minor is not open to sociology majors.

Program Description

Minor Requirements

- Students are expected to have a minimum GPA of 2.0 in courses used for the minor.
- At least 12 hours used in the minor must be earned at UCF within the Sociology Department.

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Degree Requirements

Required Courses

3 Total Credits

- Complete the following:
 - SYG2000 - Introduction to Sociology (3)

Restricted Electives

15 Total Credits

- Complete all of the following
 - Earn at least 3 credits from the following types of courses:
2000-4000 level sociology courses
 - Earn at least 12 credits from the following types of courses:
3000-4000 level sociology courses; Additional courses can be taken as approved

Grand Total Credits: **18**

Program Details

Total Undergraduate Credit Hours Required: 18

Statistics (B.S.)

College

College of Sciences

Department

Department of Statistics

Program Type

Major

Program Contact Information

College of Sciences
Department of Statistics & Data Science
Technology Commons II (TC2), 212
407-823-2289
statistics@ucf.edu

Professor & Undergraduate Advisor: Dr. Nizam Uddin
407-823-2692
nizam.uddin@ucf.edu

Admission Requirements

None

Program Description

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Departmental Residency Requirement: at least 15 semester hours of regularly scheduled 3000-4000 level courses must be taken from the UCF Statistics and Data Science Department.
- Students must earn at least a "C" (2.0) in each course with a STA prefix.
- Students must achieve a minimum 2.0 cumulative GPA in all computer science and mathematics courses satisfying major requirements.
- Students must achieve a minimum cumulative GPA of 2.0 in all courses satisfying major requirements.
- Co-op or internship credit cannot be used in this major.
- Students should consult with a departmental advisor.
- All prerequisites of courses taught within the College of Sciences will be enforced.
- Courses designated in 1 (General Education Program) are generally spread over 4 years, and those designated in 2 (Common Program Prerequisites) are usually completed in the first 60 hours.
- All statistics courses except the following, and those protected by Florida Common Course Numbering, must be taken from or approved by the Statistics and Data Science Department at UCF.
 - STA 2023 - Statistical Methods I
 - STA 3032 - Probability and Statistics for Engineers

General Education (GEP)

GEP Notes

0 Total Credits

- Complete all of the following
 - At least one course completed in each Foundation area must be a designated State General Education Core Course. See the catalog GEP description for more information.
 - Certain courses must be selected for this degree that will bring the total hours of the GEP to more than 36.

Communication Foundation

9 Total Credits

- Complete all of the following
 - GEP 1 & 2- Communication Foundation
 - Complete all courses from the following:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)

- ENC1102 - Composition II (3)
- GEP 3- Communication Foundation
- Complete at least 1 courses from the following:
- GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)

Historical & Cultural Foundation

9 Total Credits

- Complete all of the following
 - GEP 4- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - GEP 6- Historical & Cultural Foundation
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)

- MUH2017 - Survey of Rock Music (3)
- MUH2019 - American Popular Music, 1840s-present (3)
- MUL2016 - Evolution of Jazz (3)
- MUL2720 - Music of the World (3)
- PHI2010 - Introduction to Philosophy (3)
- REL2300 - World Religions (3)
- THE2000 - Theatre Survey (3)
- MUL2010 - Enjoyment of Music (3)

Mathematical Foundation

7 Total Credits

- Complete all of the following
 - GEP 7- Mathematical Foundation
 - Complete all of the following
 - Prior to enrolling in any MAC course, take the Math Placement Test ~ <https://www.sdes.ucf.edu/placement-tests/>
 - Complete the following:
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - GEP 8- Mathematical Foundation
 - Complete the following:
 - STA2023 - Statistical Methods I (3)

Social Foundation

6 Total Credits

- Complete all of the following
 - GEP 9- Social Foundation
 - Complete at least 1 of the following:
 - ANT2000 - General Anthropology (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - GEP 10- Social Foundation
 - Complete all of the following
 - ECO2013 - Preferred
 - Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)

Science Foundation

8 Total Credits

- Complete all of the following
 - GEP 11- Science Foundation
 - Earn at least 4 credits from the following course sets:
 - CHM 2045C
 - CHM2045C - Chemistry Fundamentals I (4)
 - PHY 2053 and 2053L
 - PHY2053 - College Physics I (3)
 - PHY2053L - College Physics I Laboratory (1)
 - PHY 2053C
 - PHY2053C - College Physics I Studio (4)
 - GEP 12- Science Foundation
 - Complete the following:
 - BSC2010C - Biology I (4)

Grand Total Credits: **39**

Common Program Prerequisites (CPP) (If applicable)

- Complete all of the following
 - In addition to completing all of the required GEP (MAC2311C, STA2023, BSC2010C, and (CHM2045C or PHY2053/PHY2053L or PHY2053C),
 - Complete the following:
 - COP3223C - Introduction to Programming with C (3)
 - MAC2312 - Calculus with Analytic Geometry II (4)
 - MAC2313 - Calculus with Analytic Geometry III (4)
 - The state of Florida requires Statistics majors to take two laboratory-based science courses designed for science majors. Note that the laboratory courses do not have to be in the same subject area. If BSC2010C and (CHM2045C or PHY2053/PHY2053L or PHY2053C) are completed in the GEP, this requirement is satisfied. The following courses (or combinations of courses) can be used to satisfy the requirement for two semesters equivalent of science courses with labs designed for majors. Lecture plus lab count as one semester: BSC2010C; BSC2011C; CHM2046 and CHM2046L; CHM2045C; PHY2048/PHY2048L (or PHY2048C); or PHY2049/PHY2049L (or PHY2049C)

Grand Total Credits: **11**

Degree Requirements

Core Requirements: Basic
0 Total Credits

- All courses specifically identified in the GEP (MAC2311C, BSC2010C, and (CHM2045C or PHY2048/PHY2048L or PHY2048C) and CPP (COP3223C, MAC2312, MAC2313, STA2023, and (CHM2046/CHM2046L or BSC2011C or PHY2049/PHY2049L or PHY2049C) meet the Basic Core requirement.

Core Requirements: Advanced
40 Total Credits

- Complete all of the following
 - Complete the following:
 - COT4500 - Numerical Calculus (3)
 - ENC3241 - Writing for the Technical Professional (3)
 - STA4102 - Computer Processing of Statistical Data (3)
 - STA4163 - Statistical Methods II (3)
 - STA4164 - Statistical Methods III (3)
 - STA4321 - Statistical Theory I (3)
 - STA4322 - Statistical Theory II (3)
 - Complete at least 1 of the following:
 - MAS3105 - Matrix and Linear Algebra (4)
 - Course Not Found
 - Complete at least 1 of the following:
 - COT3100C - Introduction to Discrete Structures (3)
 - MHF3302 - Logic and Proof in Mathematics (3)
 - Complete at least 4 of the following:
 - STA4173 - Biostatistical Methods (3)
 - STA4241 - Statistical Learning (3)
 - STA4222 - Sample Survey Methods (3)
 - STA4345 - Applied Bayesian Statistics (3)
 - STA4364 - Statistical Foundations of Data Science and Artificial Intelligence I (3)
 - STA4502 - Nonparametric Statistical Methods (3)
 - STA4504 - Categorical Data Analysis (3)
 - STA4664 - Statistical Quality Control (3)
 - STA4852 - Applied Time Series (3)

Restricted Electives
9 Total Credits

- Complete all of the following
 - Earn at least 9 credits from the following types of courses:
Select from upper division or graduate (5000 level), statistics (STA or ISC prefix), mathematics, or computer science courses. Selected courses in engineering or business may be used but must first be approved by the Department of Statistics and Data Science.
 - The following courses cannot be used to satisfy this requirement: MHF 4404 - History of Mathematics Any course with the MAE prefix

Grand Total Credits: **49**

Program Details

Total Undergraduate Credit Hours Required: 120

Electives

To fulfill the 120 hours required of this degree, select primarily from upper level courses after meeting with a departmental advisor. Courses may be outside the department.

Foreign Language Requirements

Graduation

- None

Departmental Exit Requirements

- Students must earn at least a "C" (2.0) in each course with a STA prefix.
- Students must achieve a minimum 2.0 cumulative GPA in all computer science and mathematics courses satisfying major requirements.
- Students must achieve a minimum cumulative GPA of 2.0 in all courses satisfying major requirements.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Honors In Major

- Application and admissions through The Burnett Honors College. More information about Honors in the Major can be found at honors.ucf.edu/research.

Related Programs

- Actuarial Science (B.S.)
- Mathematics (B.S.)
- Secondary Education, Mathematics Education Track (B.S.)

- Actuarial Science Minor
- Statistics Minor
- Mathematics Minor

Advising Notes

- It is the student's responsibility to ensure they have satisfied course prerequisites before registering for a class.
- Contact your college advisor in the College of Sciences Advising Services (COSAS) office (CSB 250) for more information about overall progress toward your degree, GEP and other university requirements, academic probation, special problems as well as general academic advising.

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred from private and out-of-state schools must be evaluated for equivalency credit. The student must provide all supporting information.
- Submit your requests for course evaluations at <https://sciences.ucf.edu/cosas/> and click on "COS Course Evaluation".
- The following substitutions are acceptable for Common Program Prerequisites if taken as part of the AA course work:
 - Computer Science: any COP programming language course will satisfy the CPP. However, COP 3223C is a prerequisite for Computer Sciences courses and still may need to be taken.
 - Biology: any 2 laboratory courses for majors with BSC, CHM, or PHY prefixes will satisfy the CPP.
 - Statistics: although any STA 2XXX course will satisfy the CPP, STA 2023 is required in the program's core and will still need to be taken.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alac/academic_learning_compacts.htm

Statistics Minor

College

College of Sciences

Department

Department of Statistics

Program Type

Minor

Program Contact Information

College of Sciences

Department of Statistics & Data Science

Technology Commons II (TC2), 212

407-823-2289

statistics@ucf.edu

Professor & Undergraduate Advisor: Dr. Nizam Uddin

407-823-2692

nizam.uddin@ucf.edu

Admission Requirements

- The minor is not open to Statistics majors.

Program Description

Minor Requirements

- A minimum grade of "C" (2.0) is required in all courses used to satisfy the minor.
- At least 15 hours used in the minor must be earned at UCF within the Department of Statistics and Data Science.

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Degree Requirements

Required Courses

9 Total Credits

- Complete all of the following
 - Complete the following:
 - STA4163 - Statistical Methods II (3)
 - STA4164 - Statistical Methods III (3)
 - Complete at least 1 of the following:
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)

Restricted Electives

9 Total Credits

- Complete all of the following
 - Earn at least 9 credits from the following types of courses:
Select from upper division STA prefix courses taught within the Statistics and Data Science Department.
 - NOTE: STA 3032 - Probability and Statistics for Engineers CANNOT be used as a restricted elective.

Grand Total Credits: **18**

Program Details

Total Undergraduate Credit Hours Required: 18

Other Requirements

- Internship, Co-op, or Independent Study credit cannot be used toward the minor.

Strategic Communication Certificate

College

College of Sciences

Department

Nicholson School of Communication and Media

Program Type

Certificate

Program Description

**College of Sciences
Nicholson School of Communication and Media:
UnionWest at Creative Village (UWCV), 200**

Professor & Program Director: Deanna Sellnow
deanna.sellnow@ucf.edu

Nicholson Academic Student Services Center (NASSC):

407-823-2681
nassc@ucf.edu

The Certificate in Strategic Communication allows students to become familiar with the strategies and tactics used in strategic communication initiatives and to demonstrate they have conceptual knowledge and applied skill sets for the achievement of communication goals.

Program Details

Admission Requirements

- Not open to Advertising/Public Relations, Communication & Conflict, Human Communication, Journalism, or Media Production and Management majors.

Certificate Requirements

- A minimum GPA of 2.0 is required in all courses used to satisfy the certificate.
- Grades below a "C" (2.0) in lower level courses are not counted in the certificate.
- No more than 6 credit hours in another certificate, minor or major can be used to satisfy requirements in this certificate. (Note: The myKnight Audit cannot capture overlapping courses between two or more programs; therefore, students should have their program reviewed by the School before filing for

graduation.)

Prerequisite Courses

- Most courses for this certificate will have prerequisites completed as a part of a student's GEP requirement, as general electives, or a student can enroll into courses with consent of instructor.

Required Courses (12 Credit Hours)

- PUR 4400 - Crisis Communication **Credit Hours: 3**
- Courses used in core cannot be used as directed electives.

Select One:

- ADV 3008 - Principles of Advertising **Credit Hours: 3**
- PUR 4000 - Public Relations **Credit Hours: 3**
- PUR 4000H - Honors Public Relations **Credit Hours: 3**

Select One:

- COM 3311 - Communication Research Methods **Credit Hours: 3**
- PUR 3500 - Public Relations Research Methods **Credit Hours: 3**

Select One:

- COM 4022 - Principles of Health Communication **Credit Hours: 3**
- SPC 4540 - Persuasion and Communication **Credit Hours: 3**

High Impact Integrated Learning Experience (3 Credit Hours)

The course used to satisfy the High Impact Learning Experience requirement for the Strategic Communication Certificate may not also be used to satisfy a learning requirement for another major, minor, or certificate without the prior approval of the department chair. Students may choose 3 hours of approved NSCM study abroad courses.

- ADV 4903H Honors Directed Reading I
- ADV 4906 Independent Study
- ADV 4912 Research
- ADV 4970H Honors Undergraduate Thesis
- COM 4903H Honors Directed Reading I
- COM 4906 Independent Study
- COM 4912 Research
- COM 4941 Internship
- PUR 3912 - Collaborative Experiential Research Practicum **Credit Hours: 3**

- COM 4970H Honors Undergraduate Thesis
- 3 hours of approved NSCM study abroad courses
- PUR 4903H Honors Directed Readings I
- PUR 4906 Independent Study
- PUR 4912 Research
- PUR 4941 Internship
- PUR 4970H Honors Undergraduate Thesis

Foreign Language Requirements

- None

Additional Information

Foreign Language Requirements

- None

Total Semester Hours Required

- 15

Other Requirements

- A minimum overall GPA of 2.0 is required in courses used to satisfy the certificate.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit can be used toward the certificate with approval.
- At least 12 hours used in the program must be earned at UCF.

Strategic Communication Minor

College

College of Sciences

Department

Nicholson School of Communication and Media

Program Type

Minor

Program Contact Information

College of Sciences
Nicholson School of Communication and Media
UnionWest at Creative Village (UWCV), 200

Professor & Programs Coordinator: Harry Weger
 harry.weger@ucf.edu

Nicholson Academic Student Services Center (NASSC):
 407-823-2681
 nassc@ucf.edu

Admission Requirements

- Not open to Advertising/Public Relations, Communication & Conflict, Human Communication, Journalism, or Radio-TV majors.

Program Description

The minor in Strategic Communication allows students to become familiar with the strategies and tactics used in strategic communication initiatives and to demonstrate they have conceptual knowledge and applied skillsets for the achievement of communication goals.

Minor Requirements

- A minimum GPA of 2.0 is required in all courses used to satisfy the minor.
- No more than 6 credit hours in another minor or major can be used to satisfy requirements in this minor. (Note: The myKnight Audit cannot capture overlapping courses between two or more programs; therefore, students should have their program reviewed by the School before filing for graduation.)

Prerequisite Courses

- Most courses for this minor will have prerequisites completed as a part of a student's GEP requirement, as general electives, or a student can enroll into courses with consent of instructor.

Degree Requirements

Required Courses

12 Total Credits

- Complete all of the following
 - Complete the following:
 - PUR4400 - Crisis Communication (3)
 - Complete at least 1 of the following:
 - ADV3008 - Principles of Advertising (3)
 - PUR4000 - Public Relations (3)
 - PUR4000H - Honors Public Relations (3)
 - Complete at least 1 of the following:
 - COM3311 - Communication Research Methods (3)
 - PUR3500 - Public Relations Research Methods (3)
 - Complete at least 1 of the following:
 - COM4022 - Principles of Health Communication (3)
 - SPC4540 - Persuasion and Communication (3)

High Impact Integrated Learning Experience

3 Total Credits

- Complete all of the following
 - The course used to satisfy the High Impact Learning Experience requirement for the Strategic Communication Minor may not also be used to satisfy a learning requirement for another major, minor, or certificate offered by the Nicholson School of Communication and Media without the prior approval of the school director. Students may also choose 3 hours of approved NSCM study abroad courses.
 - Earn at least 3 credits from the following types of courses:
ADV 4903H Honors Directed Reading I ADV 4906 Independent Study ADV 4912 Research ADV 4941 Internship ADV 4970H Honors Undergrad Thesis COM 4903H Honors Directed Reading I COM 4906 Independent Study COM 4912 Research COM 4941 Internship COM 4970H Honors Undergrad Thesis PUR 4903H Honors Directed Reading I PUR 4906 Independent Study PUR 4912 Research PUR 4941 Internship PUR 4970H Honors Undergrad Thesis

Restricted Electives

6 Total Credits

- Complete at least 2 of the following:
 - ADV3008 - Principles of Advertising (3)
 - COM4022 - Principles of Health Communication (3)
 - COM4110 - Business and Professional Communication (3)
 - COM4120 - Organizational Communication (3)
 - COM4462 - Conflict Management (3)
 - MMC3200 - Mass Communication Law (3)
 - MMC3200H - Honors Mass Communication Law (3)
 - MMC3630 - Social Media as Mass Communication (3)
 - PUR3210 - Communication Approach to Corporate Social Responsibility (3)
 - PUR4000 - Public Relations (3)
 - PUR4000H - Honors Public Relations (3)
 - PUR4014 - Preparing for Public Relations Certification (3)
 - PUR4801 - Public Relations Case Studies (3)
 - RTV3007 - Development and Structure of Electronic Media and New Technology (3)
 - SPC4540 - Persuasion and Communication (3)
 - VIC3001 - Visual Communication (3)
 - COM3802 - Principles of Communication & Conflict (3)

Grand Total Credits: **21**

Program Details

Total Undergraduate Credit Hours Required: 21

Other Requirements

- Internship, co-op, or independent study credit can be used toward this minor with prior approval.

Terrorism Studies Minor

College

College of Sciences

Department

School of Politics, Security, and International Affairs

Program Type

Minor

Program Contact Information

College of Sciences
School of Politics, Security, and Intl Affairs
Howard Phillips Hall (HPH), 302
407-823-2608
politics@ucf.edu

Associate Lecturer: Dr. Paul Vasquez
407-823-2608
Politics@ucf.edu

Admission Requirements

None

Program Description

Awareness of and knowledge about terrorism and counter-terrorism are increasingly essential in a variety of public and private sector organizations. Students in this minor will gain knowledge in competing ideologies that give rise to terrorism, coercive techniques in international affairs, global security management, and key aspects of American security policy. In addition to a core understanding of terrorism, the focus on a specific area of geographic or strategic interest will meet the market needs for individuals with substantive area knowledge. This minor program is available to students from varied disciplines to enhance their capability to address the threat of terrorism and understand how it might impact their own field.

Minor Requirements

- A grade of "C" (2.0) or better is required in all courses counting towards the minor.
- At least 15 hours used in the minor must be taken at UCF.
- Internships, independent study and substitute courses/new courses are allowed at the director's discretion (for a maximum of 3 credit hours).
- No more than 3 credit hours may overlap with any other major or minor. (Note: The myKnight Audit cannot capture overlapping courses between two or more programs; therefore, students should have their program reviewed by the School before filing for graduation.)

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.

Degree Requirements

Required Courses

6 Total Credits

- Complete the following:
 - DSC4012 - Terrorism (3)
 - INR4084 - Politics of International Terrorism (3)

Restricted Electives

12 Total Credits

- Complete all of the following
 - Government and Social Responses to Terrorism
 - Course substitutions are possible with prior approval by the program advisor
 - Complete at least 2 of the following:
 - CCJ4076 - Crime Intelligence and Investigative Support Analysis (3)
 - CCJ4195 - Interviews & Interrogations in CJ (3)
 - CCJ4644 - White Collar Crime (3)
 - CJE4694 - Cybercrime and the Criminal Justice System (3)
 - COM4416 - Terrorism and Communication (3)
 - DSC4013 - Homeland Security and Criminal Justice (3)
 - INR4102 - American Foreign Policy (3)
 - INR4114 - American Security Policy (3)
 - INR4335 - Coercion in International Politics (3)
 - INR4363 - Intelligence Analysis and Reporting (3)
 - POS4407 - The Intelligence Community (3)
 - INR4764 - Cyberwarfare Policy (3)
 - Context of Terrorism
 - Course substitutions are possible with prior approval by the program advisor
 - Complete at least 2 of the following:
 - ASH3222 - Islam and Its Empires (3)
 - ASH3223 - The Modern Middle East (3)
 - CPO3057 - Contemporary Revolution and Political Violence (3)
 - CPO3403 - Politics of the Middle East (3)
 - CPO4400 - Kurdish Politics: Identity, Violence, and Democracy (3)
 - CPO4643 - Government and Politics of Russia (3)
 - EUH3124 - The Crusades (3)
 - EUH4576 - History of Russia in the 20th Century (3)
 - Course Not Found
 - INR4074 - Immigration Policy (3)
 - INR4243 - International Politics of Latin America (3)
 - INR4274 - International Politics of the Middle East (3)
 - POS3234 - Protest in American Politics (3)
 - POS4206 - Political Psychology (3)
 - REL2300 - World Religions (3)
 - REL3363 - Islam (3)
 - SYP4536 - Gangs and Society (3)

Grand Total Credits: **18**

Program Details

Total Undergraduate Credit Hours Required: 18

College of Undergraduate Studies

Diversity Leadership Certificate

College

College of Undergraduate Studies

Department

Office of Interdisciplinary Studies

Program Type

Certificate

Program Contact Information

College of Undergraduate Studies

Office of Interdisciplinary Studies

Trevor Colbourn Hall (TCH), 239

407-823-0144

is@ucf.edu

Admission Requirements

None

Program Description

The Diversity Leadership Certificate is an interdisciplinary academic program intended to provide students with a foundational understanding of issues surrounding diversity and inclusion with a focus on the core themes of religion and spiritual traditions, race and ethnicities, gender and sexuality, and age and abilities. Students with an interest in international studies, as well as careers in business, communications, economics, education, environmental science, history, and politics, are invited to consider this certificate as a supplement to their major.

Certificate Admission Requirements

- None

Certificate Requirements

- None

Prerequisite Courses

- None

Degree Requirements

12 Total Credits

- Complete all of the following
 - Complete the following:
 - IDS3333 - Issues in Diversity Studies (3)
 - Complete at least 1 of the following:
 - EDF2085 - Introduction to Diversity for Educators (3)
 - SOP3784 - Psychology of Diversity (3)
 - SYO3530 - Social Power and Inequality (3)
 - SYO4323 - Community and Diversity (3)
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - CPO4784 - Political and Economic Inequality in Comparative Perspective (3)
 - PAD4446 - Multiculturalism in Public Administration (3)
 - PLA4472 - Employment Discrimination Law (3)
 - POS3233 - Public Opinion (3)
 - HUM3806 - Critical Race Theory (3)
 - PLA4886 - Sexuality, Gender, & the Law (3)

General Electives

- Complete at least 2 of the following:
 - EDF2085 - Introduction to Diversity for Educators (3)
 - SOP3784 - Psychology of Diversity (3)
 - SYO3530 - Social Power and Inequality (3)
 - SYO4323 - Community and Diversity (3)
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - CPO4784 - Political and Economic Inequality in Comparative Perspective (3)
 - PAD4446 - Multiculturalism in Public Administration (3)
 - PLA4472 - Employment Discrimination Law (3)
 - POS3233 - Public Opinion (3)
 - HUM3806 - Critical Race Theory (3)
 - PLA4886 - Sexuality, Gender, & the Law (3)
 - REL2300 - World Religions (3)
 - REL3123 - Asian Religions in America (3)
 - ANT3245 - Native American Religions (3)
 - PHI3720 - Faith and Reason (3)
 - SYO4200 - Religion in Society (3)
 - HUM3326 - Theories of Sex and Gender in Humanities (3)
 - HUM4823 - Queer Theory in the Humanities (3)
 - SYD3800 - Sex and Gender in Society (3)
 - THE3254 - Queer Theatre (3)
 - WST3460 - Women, Race and Struggle (3)
 - GEY3001 - Gerontology: An Interdisciplinary Overview (3)
 - HSC3559 - Disabilities in American Society (3)
 - PLA4530 - Legal Issues of the Elderly (3)
 - SYO4133 - Family and Aging in Society (3)
 - SYP4730 - Aging in Society (3)
 - SYP4732 - Minority Aging (3)
 - ANT3451 - Race Matters: Anthropological Approaches to Racism (3)
 - ANT4702 - Culture, Inequality and Global Development (3)
 - SYD3700 - Race and Ethnicity (3)
 - SYP4454 - Global Inequality and Society (3)

Grand Total Credits: **12**

Program Details

A total of 12 credit hours are required for this certificate.

Total Undergraduate Credit Hours Required: 12 Other Requirements

A grade of "C" (2.0) or above is required in each course used to satisfy the certificate.

At least 12 hours used in the certificate must be earned at UCF. No credit by exam (TSD, Military credit) may be used.

Course substitutions can be made with prior approval from Interdisciplinary Studies.

Internship or Independent Study and international experiences require prior approval from Interdisciplinary Studies to be used in the certificate.

Diversity Studies Leadership Minor

College

College of Undergraduate Studies

Department

Office of Interdisciplinary Studies

Program Type

Minor

Program Contact Information

College of Undergraduate Studies
Office of Interdisciplinary Studies
Trevor Colbourn Hall (TCH), 239
407-823-0144
is@ucf.edu

Admission Requirements

None

Program Description

The Diversity Studies Leadership Minor is an interdisciplinary academic program intended to provide students with a foundational understanding of issues surrounding diversity and inclusion with a focus on the core themes of religion and spiritual traditions, race and ethnicities, gender and sexuality, and age and abilities. Students with an interest in international studies, as well as careers in business, communications, economics, education, environmental science, history, and politics, are invited to consider this minor as a supplement to their major.

Degree Requirements

Required Course
3 Total Credits

- Complete the following:
 - IDS3333 - Issues in Diversity Studies (3)

Restricted Electives
15 Total Credits

- Complete 1 of the following
 - General
 - Complete at least 5 of the following:

- COM4461 - Intercultural Communication (3)
- SYO3530 - Social Power and Inequality (3)
- SYO4323 - Community and Diversity (3)
- SYP4454 - Global Inequality and Society (3)
- EDF2085 - Introduction to Diversity for Educators (3)
- ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
- ANT3145 - Archaeology of Complex Societies (3)
- ANT3212 - Peoples of the World (3)
- ANT4702 - Culture, Inequality and Global Development (3)
- CPO4784 - Political and Economic Inequality in Comparative Perspective (3)
- PAD4446 - Multiculturalism in Public Administration (3)
- PLA4472 - Employment Discrimination Law (3)
- PLA4830 - World Legal Systems (3)
- POS3233 - Public Opinion (3)
- THE4212 - Global Theatre (3)

Religion and Spiritual Traditions

- Complete at least 5 of the following:
 - REL2300 - World Religions (3)
 - REL3403 - Christianity (3)
 - REL3363 - Islam (3)
 - JST3005 - Tenets of Judaism (3)
 - REL3340 - Buddhism (3)
 - REL3333 - Hinduism (3)
 - REL3123 - Asian Religions in America (3)
 - ANT3245 - Native American Religions (3)
 - PHI3720 - Faith and Reason (3)
 - SYO4200 - Religion in Society (3)

Gender and Sexualities

- Complete at least 5 of the following:
 - HUM3326 - Theories of Sex and Gender in Humanities (3)
 - HUM4823 - Queer Theory in the Humanities (3)
 - SYD3800 - Sex and Gender in Society (3)
 - SYD4810 - Women in Contemporary Society (3)
 - WST3621 - Theories of Masculinity (3)
 - WST3603 - Introduction to Gender Studies (3)
 - WST3015 - Introduction to Women's Studies (3)
 - THE3254 - Queer Theatre (3)
 - PLA4886 - Sexuality, Gender, & the Law (3)
 - WST3460 - Women, Race and Struggle (3)
 - WST3610 - Gender and Technology (3)
 - ENC4523 - Writing and Identity (3)

Age and Abilities

- Complete at least 5 of the following:
 - SYP4732 - Minority Aging (3)
 - SYO4133 - Family and Aging in Society (3)
 - SYP4730 - Aging in Society (3)
 - ASL2510 - Issues of Deafness (3)
 - GEY3001 - Gerontology: An Interdisciplinary Overview (3)
 - HSC3559 - Disabilities in American Society (3)
 - PLA4530 - Legal Issues of the Elderly (3)

Race and Ethnicities

- Complete at least 5 of the following:
 - AML3615 - Harlem, Haiti, and Havana (3)
 - SYD3700 - Race and Ethnicity (3)
 - SYD3772 - Race and Social Media (3)
 - WST3460 - Women, Race and Struggle (3)
 - ANT3451 - Race Matters: Anthropological Approaches to Racism (3)
 - ENC4523 - Writing and Identity (3)
 - ANT4702 - Culture, Inequality and Global Development (3)
 - SYP4454 - Global Inequality and Society (3)
 - HUM3806 - Critical Race Theory (3)

Diversity and Inclusion Specialization

- Earn at least 15 credits from the following types of courses:
Any five upper division courses from the approved list of courses in any thematic concentration may be selected for this option with approval of the Interdisciplinary Studies office.

Grand Total Credits: **18**

Program Details

Total Undergraduate Credit Hours Required: 18

Other Requirements

- A grade of "C" (2.0) or above is required in each course used to satisfy the minor.
- At least 15 hours used in the minor must be earned at UCF.
- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study and international experiences require prior approval from Interdisciplinary Studies to be used in the minor.

Environmental Studies (B.S.)

College

College of Undergraduate Studies

Department

Office of Interdisciplinary Studies

Program Type

Major

Program Contact Information

**College of Undergraduate Studies
Interdisciplinary Studies Advising Office
Trevor Colbourn Hall (TCH), 239
407-823-0144
is@ucf.edu**

Is this program available 100% online?

No

Admission Requirements

None

Program Description

The Environmental Studies degree prepares students for a number of interesting and challenging careers. Its interdisciplinary nature provides students with tools that can be applied across a spectrum of science, social behavior, and humanities, using the strengths of the various areas. Students seeking journalistic or artistic careers will gain a scientific background by which to understand environmental science, while students going into the sciences will appreciate the social, political, and ethical dimensions of environmental actions and policy decisions.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students must have declared an Environmental Studies major at least two semesters before graduation.
- Research, Internship, and Independent study credit cannot be used in this major without approval from the Interdisciplinary Studies Advising Office and Program Director.
- Co-op credit cannot be used in the major.
- Students must earn at least a "C" (2.0) grade in each course required for the major.
- Students must consult with an academic advisor when entering the program.
- Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.
- Students wishing to earn an Environmental Studies degree as a double degree, double major, or second degree, must complete all advanced level core requirements and restricted electives exclusive of credits done for the other degree(s) and/or major(s), including any minors associated with that degree.
- Courses taken to satisfy basic and advanced core requirements cannot be used as in the Sciences or Communication and Planning track electives.

General Education (GEP)

- Complete all of the following
 - Communication
 - Complete all of the following
 - Complete all courses from the following:
 - GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
 - GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Historical & Cultural
 - Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Complete at least 1 courses from the following:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)

- MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- GEP 6- Historical & Cultural - choose a course from GEP 4 or GEP 5
- Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Mathematical
 - Complete all of the following
 - Complete the following:
 - MAC1105C - College Algebra (3)
 - May take a higher level math
 - Complete the following:
 - STA2023 - Statistical Methods I (3)
- Social
 - Complete all of the following
 - GEP 9 & 10- Social Foundation
 - Complete the following:
 - SYG2000 - Introduction to Sociology (3)
 - ECO2023 - Principles of Microeconomics (3)
- Science
 - Complete all of the following
 - GEP 11 & 12- Science Foundation
 - Complete the following:
 - BSC2010C - Biology I (4)
 - CHM2045C - Chemistry Fundamentals I (4)

Grand Total Credits: **38**

Degree Requirements

Environmental Studies Core: Basic Level
8 Total Credits

- Complete all of the following
Life Sciences
 - Complete the following:
 - BSC2011C - Biology II (4)
 - PCB3044 - Principles of Ecology (3)
 - PCB3044L - Principles of Ecology Laboratory (1)
 - Physical/Mathematical Sciences fulfilled in GEP courses CHM 2045C - Chemistry Fundamentals; MAC 1105C - College Algebra; and STA 2023 - Statistical Methods I
 - Social Science & Humanities fulfilled in GEP courses SYG 2000 - Introduction to Sociology and ECO 2023 - Principles of Microeconomics.

Environmental Studies Core: Advanced Level
25 Total Credits

- Complete all of the following
 - Complete the following:
 - EVR3008 - Foundations of Environmental Studies (3)
 - ECP3302 - Economics and the Environment (3)
 - GIS3043C - GIS for Environmental Studies (3)
 - GIS4301C - Advanced GIS Applications in Environmental Studies (4)
 - PUP3203 - Environmental Politics (3)
 - SYD4510 - Environment and Society (3)
 - EVR3085 - Interdisciplinary Research Methods for Environmental Studies (3)
 - Complete at least 1 of the following:
 - PHI3640 - Environmental Ethics (3)
 - PHI3033 - Philosophy, Religion, and the Environment (3)
 - PHI4633 - Ethics and Biological Science (3)
 - WST4349 - Ecofeminism (3)

Restricted Electives
18 Total Credits

- Complete 1 of the following
Communication and Planning Track
 - Complete all of the following
 - Earn at least 18 credits from the following:
 - ANT3541 - Biobehavioral Anthropology (3)
 - ANT4051 - Environmental Anthropology (3)
 - ECP4303 - Environmental and Natural Resource Economics (3)
 - ENC3241 - Writing for the Technical Professional (3)
 - ENC4360 - Nature Writing (3)
 - INR4351 - International Environmental Law (3)
 - PAD3330 - Urban and Regional Planning (3)
 - PAD4351 - Issues in Environmental Program Management (3)
 - PHI3033 - Philosophy, Religion, and the Environment (3)
 - PHI3640 - Environmental Ethics (3)
 - PHI4400 - Philosophy of Science (3)
 - PHM4031 - Environmental Philosophy (3)
 - PLA4554 - Environmental Law (3)
 - PUP3204 - Sustainability (3)
 - PUP4209 - Urban Environmental Policy (3)
 - ANT3290 - Anthropology of Plants and People (3)
 - ANT3550C - Primatology (3)
 - ANT3701 - Engagement & Social Change: Public Anthropology (3)
 - ANT4123 - Archaeology of Coastal Societies (3)
 - ANT4187 - Paleoethnobotany (3)
 - ANT4467 - Nutritional Anthropology (3)
 - ANT4480 - Global Health in Anthropological Perspective (3)
 - BSC4861L - Urban Ecological Field Studies (3)
 - CPO4794 - Indigenous Politics and the Environment (3)
 - ENV3001 - Environmental Engineering (3)
 - ENV4341 - Sustainable Resource Management (3)

- HSC4500 - Epidemiology (3)
- INR3016 - Global Political Issues (3)
- INR4054 - Global Politics of Energy (3)
- INR4350 - Global Environmental Politics (3)
- LIT3437 - International Environmental Justice Literature (3)
- PAD4331 - Land Use and Planning (3)
- PHH3701 - Native American Philosophy (3)
- PHI3638 - Ethical Issues in the 21st Century (3)
- PHI3672 - Animal Ethics (3)
- PHI4633 - Ethics and Biological Science (3)
- PSY3630 - Psychology of Human-Animal Interaction (3)
- PUR3210 - Communication Approach to Corporate Social Responsibility (3)
- REE3614 - Environmental Issues for Real Estate (3)
- SYO3408 - Animals and Health (3)
- WST4349 - Ecofeminism (3)

Skilled Based Courses

- Complete all of the following
 - The following courses can count a maximum of 6 hours toward the 18 hours of required electives for the Communication and Planning Track.
 - COM 4462 - Conflict Management Credit Hours: 3 COM 4550 - Public Communication Campaigns Credit Hours: 3 COM 4563 - Principles of Social Innovation and Activism Credit Hours: 3 ENC 3455 - Writing about Science and Technology Credit Hours: 3 EXP 3304 - Motivation and Emotion Credit Hours: 3 EXP 3404 - Basic Learning Processes Credit Hours: 3 MAN 4240 - Organizations: Theory and Behavior Credit Hours: 3 MMC 3630 - Social Media as Mass Communication Credit Hours: 3 POS 4206 - Political Psychology Credit Hours: 3 SPC 4540 - Persuasion and Communication Credit Hours: 3 SYA 4650C - Community Action and Involvement Credit Hours: 3 SYP 3400 - Social Change Credit Hours: 3

Science Track

- Earn at least 18 credits from the following:
 - BCH4053 - Biochemistry I (3)
 - BCH4054 - Biochemistry II (3)
 - BOT3802 - Ethnobotany (3)
 - BOT4713C - Plant Taxonomy (5)
 - BSC4312C - Advanced Marine Biology (4)
 - CHM3120 - Analytical Chemistry (3)
 - OCE3008 - Oceanography (3)
 - PCB3063 - Genetics (3)
 - PCB3442 - Aquatic Ecology (3)
 - PCB4683 - Evolutionary Biology (4)
 - PCB4723 - Animal Physiology (4)
 - ZOO4910L - Research Experience in Animal Behavior in a Zoo Environment (3)
 - BOT3015 - Principles of Plant Science (3)
 - BOT4223C - Plant Anatomy (4)
 - BOT4282C - Plant Microtechniques (4)
 - BOT4434C - General Mycology (4)
 - BOT4503C - Plant Physiology (4)
 - BOT4850 - Medical Botany (3)
 - BSC3052 - Conservation Biology (3)
 - BSC3312 - Principles of Marine Biology (3)
 - BSC4330 - Invasion Biology (3)
 - BSC4821 - Biogeography (4)
 - BSC4861L - Urban Ecological Field Studies (3)
 - CHS4615 - Environmental Chemistry (3)
 - ENY3571 - Honey Bee Biology and Beekeeping (3)
 - ENY4004C - General Entomology (4)
 - GLY4730 - Marine Geology (3)
 - GLY4734 - Coastal Processes (3)
 - MCB4603 - Environmental Microbiology (3)
 - PAZ4234 - Zoo and Aquarium Management (3)
 - PCB3023 - Molecular Cell Biology (3)
 - PCB3343L - Principles of Field Ecology (5)
 - PCB3354 - Tropical Ecology and Conservation (3)

- PCB3355L - Tropical Marine Biology (2)
- PCB4353 - Florida Ecology, Natural History and Conservation (3)
- PCB4408 - Urban Ecology (3)
- PCB4514 - Genetics II (3)
- PCB4684 - Population Genetics (3)
- PCB4722 - Comparative Animal Nutrition (4)
- PCB4802 - Comparative Endocrinology (3)
- ZOO3454 - Ichthyology (3)
- ZOO3713C - Comparative Vertebrate Anatomy (5)
- ZOO4205C - Invertebrate Biodiversity (4)
- ZOO4310C - Vertebrate Evolution & Ecology (4)
- ZOO4462C - Herpetology (4)
- ZOO4480 - Mammalogy (4)
- ZOO4480L - Mammalogy Lab (1)
- ZOO4462C - Herpetology (4)
- ZOO4603C - Embryology/Development (5)
- ZOO4205C - Invertebrate Biodiversity (4)

High Impact Experience
3 Total Credits

- Earn at least 3 credits from the following types of courses:
Three (3) credit hours in undergraduate research, internship, study abroad and/or service-learning exclusive of courses in the major. Students may substitute demonstrated proficiency or instruction in a foreign language equivalent to the second college semester for this requirement. Standardized examinations for foreign languages may be used to meet the requirement if the students opts for foreign language.

Capstone
3 Total Credits

- Complete the following:
 - EVR4940 - Capstone Environmental Studies (3)

Grand Total Credits: **57**

Program Details

Electives

- As needed to satisfy university graduation requirements. Consult with Interdisciplinary Studies Advising Office.

Foreign Language Requirements

Admissions

- Two years of high school, or one year college language (or equivalent proficiency exam) prior to graduation

Required Minors

- None

Departmental Exit Requirements

- It is recommended that students meet with an academic advisor at least once per semester.

- Students must earn at least a "C" (2.0) grade in each course required for the major.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- None

Related Programs

- Biology (B.S.)
- Chemistry (B.S.)
- Environmental Engineering (B.S.Env.E)
- Political Science (B.A.)
- Economics (B.S.)

Certificates

- Geographic Information Systems

Related Minors

- Biology
- Environmental Studies
- Genomics and Bioinformatics
- Political Science
- Sociology

Advising Notes

- None

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Courses transferred must be formally evaluated for equivalency credit. See Interdisciplinary Studies Advising Office. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oegas.ucf.edu/alc/academic_learning_compacts.htm

- None

Environmental Studies Minor

College

College of Undergraduate Studies

Department

Office of Interdisciplinary Studies

Program Type

Minor

Program Contact Information

College of Undergraduate Studies
Interdisciplinary Studies
Trevor Colbourn Hall (TCH), 239
407-823-0144
is@ucf.edu

Admission Requirements

None

Program Description

The Environmental Studies minor is an interdisciplinary program that prepares students for a diverse set of academic endeavors and careers. It delivers the tradition of a liberal arts education with the rigor of the natural and social sciences, providing the introspection and artistic presentation of the humanities with the inquisitiveness that we share concerning our environment.

Degree Requirements

Required Course
3 Total Credits

- Complete the following:
 - EVR3008 - Foundations of Environmental Studies (3)

Restricted Electives
18 Total Credits

- Complete all of the following
 - Take 6 hours from each section. The program will maintain a list of approved courses; substitutions require recommendation by an advisor and approval by the program director.
Fundamental Electives
 - Complete all of the following
 - Earn at least 3 credits from the following:
 - EVR3085 - Interdisciplinary Research Methods for Environmental Studies (3)
 - ECP3302 - Economics and the Environment (3)
 - GIS3043C - GIS for Environmental Studies (3)
 - GIS4301C - Advanced GIS Applications in Environmental Studies (4)
 - PUP3203 - Environmental Politics (3)
 - SYD4510 - Environment and Society (3)

- Complete at least 1 of the following:
 - PHI3640 - Environmental Ethics (3)
 - PHI3033 - Philosophy, Religion, and the Environment (3)
 - PHI4633 - Ethics and Biological Science (3)
 - WST4349 - Ecofeminism (3)

Science Electives

- Earn at least 6 credits from the following:
 - BCH4053 - Biochemistry I (3)
 - BCH4054 - Biochemistry II (3)
 - BOT3802 - Ethnobotany (3)
 - BOT4713C - Plant Taxonomy (5)
 - BSC4312C - Advanced Marine Biology (4)
 - CHM3120 - Analytical Chemistry (3)
 - GIS3043C - GIS for Environmental Studies (3)
 - GIS4301C - Advanced GIS Applications in Environmental Studies (4)
 - OCE3008 - Oceanography (3)
 - PCB3063 - Genetics (3)
 - PCB3442 - Aquatic Ecology (3)
 - PCB4683 - Evolutionary Biology (4)
 - PCB4723 - Animal Physiology (4)
 - PCB5326C - Ecosystems of Florida (5)
 - ZOO4910L - Research Experience in Animal Behavior in a Zoo Environment (3)
- Earn at least 6 credits from the following:
 - ANT3541 - Biobehavioral Anthropology (3)
 - ECP3302 - Economics and the Environment (3)
 - ECP4303 - Environmental and Natural Resource Economics (3)
 - ENC3241 - Writing for the Technical Professional (3)
 - ENC4360 - Nature Writing (3)
 - GIS3043C - GIS for Environmental Studies (3)
 - GIS4301C - Advanced GIS Applications in Environmental Studies (4)
 - INR4351 - International Environmental Law (3)
 - PAD3330 - Urban and Regional Planning (3)
 - PAD4351 - Issues in Environmental Program Management (3)
 - PHI3033 - Philosophy, Religion, and the Environment (3)
 - PHI4400 - Philosophy of Science (3)
 - PHI3640 - Environmental Ethics (3)
 - PHI4633 - Ethics and Biological Science (3)
 - PHM4031 - Environmental Philosophy (3)
 - PLA4554 - Environmental Law (3)
 - PUP3203 - Environmental Politics (3)
 - PUP3204 - Sustainability (3)
 - PUP4209 - Urban Environmental Policy (3)
 - SYD4510 - Environment and Society (3)

Grand Total Credits: **21**

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 21

Other Requirements

- A grade of "C" or above (2.0) is required in each course used to satisfy the minor.
- 18 hours must be taken at the upper division.
- At least 15 hours used in the minor must be earned at UCF.
- No credit by exam (TSD, Military credit) may be used.
- Research internship, Independent study, and co-op credit cannot be used in this minor without prior approval from Interdisciplinary Studies.

Genomics and Bioinformatics Minor

College

College of Undergraduate Studies

Program Type

Minor

Program Contact Information

College of Undergraduate Studies

Interdisciplinary Studies

Trevor Colbourn Hall (TCH), 239

407-823-0144

is@ucf.edu

Admission Requirements

None

Degree Requirements

19 Total Credits

- Complete all of the following
 - Complete the following:
 - BSC2010C - Biology I (4)
 - Earn at least 15 credits from the following:
 - BOT4530C - Plant Genomics and Biochemistry (4)
 - BSC3403C - Quantitative Biological Methods (4)
 - BSC4445C - Genomics Laboratory (4)
 - BSC4456C - Programming for Biologists (3)
 - CAP4932 - Introduction to Bioinformatics Algorithms (3)
 - COP3503C - Computer Science II (3)
 - MCB4114C - Determinative & Systemic Microbiology (4)
 - PCB3063 - Genetics (3)
 - PCB4514 - Genetics II (3)
 - PCB4575 - Wildlife Genomics (3)

Grand Total Credits: **19**

Program Details

Prerequisite Courses

Students must satisfy each course's prerequisites before enrolling in the class.

Total Undergraduate Credit Hours Required: 19

Other Requirements

- A grade of "C" (2.0) or better is required in all courses used to satisfy the minor.
- At least 6 hours used in the minor must be earned at UCF outside the major department.
- No credit by exam (TSD, Military credit) may be used without academic advisor's approval.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor without departmental approval.

Geographic Information Systems Certificate

College

College of Undergraduate Studies

Department

Interdisciplinary Studies

Program Type

Certificate

Program Contact Information

**College of Undergraduate Studies
Office of Interdisciplinary Studies
Trevor Colbourn Hall (TCH), 239
407-823-0144
is@ucf.edu**

GIS Certificate Coordinator: Dr. Michael Gilbrook
407-823-0144
@michael.gilbrook@ucf.edu

Admission Requirements

None

Program Description

GIS is an essential research tool for a wide range of disciplines because it allows researchers to work with different kinds of information in a spatial context. The GIS certificate program focuses on developing students' basic understanding and specific applications of GIS in a variety of contexts.

Degree Requirements

Core

6 - 7 Total Credits

- Complete all of the following
 - First Core
 - Complete at least 1 of the following:
 - ANT4852 - GIS Methods in Anthropology (3)
 - ANG5852 - GIS Methods in Anthropology (3)
 - GIS3043C - GIS for Environmental Studies (3)
 - PAD4712 - Information Systems for Public Managers and Planners (3)
 - POS4764 - GIS for Political Analysis (3)
 - SYA3352 - Spatial Sociology I: Intro to GIS (3)
 - Second Core
 - Complete at least 1 of the following:
 - GIS4301C - Advanced GIS Applications in Environmental Studies (4)
 - SYA4354 - Geographic Information Systems Applications (3)
 - ANT4854 - Advanced GIS Methods in Anthropology (3)

Elective Courses

5 - 7 Total Credits

- Complete all of the following
 - Complete at least 2 of the following:
 - BSC4821 - Biogeography (4)
 - CGN3700C - Civil Engineering Measurements (2)
 - CJE4654 - Crime and Place (3)
 - CJE4663 - Crime Mapping and Pattern Analysis (3)
 - CJE3662 - CJ Information Technology and Data Management (3)
 - CWR5634 - Water Resources in a Changing Environment (3)
 - EEL5432 - Satellite Remote Sensing (3)
 - EEL5820 - Image Processing (3)
 - HFT4735 - Tourism Geography (3)
 - HUM4394 - Place and Space (3)
 - LIT3206 - Place and Space in Literature (3)
 - OSE4830 - Imaging and Display (3)
 - PCB4408 - Urban Ecology (3)
 - PUP4209 - Urban Environmental Policy (3)
 - CET4427 - Applied Database I (3 - -6)
 - CGS2545C - Database Concepts (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3223C - Introduction to Programming with C (3)
 - COP3223K - Honors Introduction to Programming with C (3)
 - Only one of the following two Database courses may be chosen: CET 4427 - Applied Database I Credit Hours: 3 CGS 2545C - Database Concepts Credit Hours: 3 Only one of the following three Computer Science courses may be chosen: COP 2500C - Concepts in Computer Science Credit Hours: 3 COP 3223C - Introduction to Programming with C Credit Hours: 3 COP 3223H - Honors Introduction to Programming with C Credit Hours: 3

Grand Total Credits: **11 - 14**

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 12

Other Requirements

- Earn a grade of "C" (2.0) or better in each course used to satisfy the certificate.
- At least 12 credit hours used in the certificate must be earned at UCF
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the certificate.

Integrative General Studies (B.G.S.)

College

College of Undergraduate Studies

Program Type

Major

Program Contact Information

College of Undergraduate Studies
Office of Interdisciplinary Studies
Trevor Colbourn Hall (TCH), 239
407-823-0144
big@ucf.edu

Is this program available 100% online?

Yes

UCF Online

Online Integrative General Studies, BGS

Admission Requirements

- Approval by College of Undergraduate Studies and KMETC
- Completion of 60 or more credit hours

Program Description

The Bachelor of Integrative General Studies offers a flexible and self-designed curriculum to degree-seeking students. The program allows students to draw on their multidisciplinary course work to refine and demonstrate their attainment of six learning outcomes that are in high demand.

- understanding of common human themes, awareness of diverse cultures, and understanding of the cultural, historical, economic, and social implications of learning experiences
- accomplishments as successful writers, speakers, and producers of digital materials in the academic, civic, and professional worlds
- understanding of scientific methods and ability to apply them to challenges facing society
- capacity as well-informed citizens who can reason and can apply analytical, statistical, and computational methods to the challenges of a globally-diverse and technologically rich environment
- ability to assess and decipher information in a world full of conflicting sources
- understanding of leadership skills, including decision-making, collaboration, and problem-solving.

Integrative General Studies (BGS) may be completed fully online, although not all elective options or program prerequisites may be offered online. Newly admitted students choosing to complete this program exclusively via UCF online classes may enroll with a reduction in campus-based fees. [Click here to learn more about this online program.](#)

Degree Requirements

- Students must declare the Integrative General Studies major prior to filing their intent to graduate.
- Students must earn at least a "C" (2.0) in each core course.
- Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.
- Students in this program are not eligible for a double degree, double major or second degree in Integrative General Studies.

General Education (GEP)

- Complete all of the following
 - Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)

- LIT2110 - World Literature I (3)
- LIT2120 - World Literature II (3)
- MUH2017 - Survey of Rock Music (3)
- MUH2019 - American Popular Music, 1840s-present (3)
- MUL2016 - Evolution of Jazz (3)
- MUL2720 - Music of the World (3)
- PHI2010 - Introduction to Philosophy (3)
- REL2300 - World Religions (3)
- THE2000 - Theatre Survey (3)
- MUL2010 - Enjoyment of Music (3)
- GEP 6- Historical & Cultural Foundation - choose one course from GEP 4 or GEP 5
- Complete at least courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)

Grand Total Credits: **15**

Degree Requirements

Core Requirements: Advanced Level
45 Total Credits

- Complete all of the following
 - Complete the following:
 - LDR3115 - Contemporary Issues in Leadership (3)
 - Earn at least 42 credits from the following types of courses:
Select primarily from upper level courses, with an Integrative General Studies/Interdisciplinary Studies adviser's approval □Students are encouraged to choose high-impact and signature courses, such as internships, undergraduate research, service-learning, and study abroad, where possible

Capstone
3 Total Credits

- Complete the following:
 - IDS4939 - Senior Seminar (3)

Grand Total Credits: **48**

Program Details

Foreign Language Requirements

Admissions

- Two years high school, or one year college language (or equivalent proficiency exam) prior to graduation.

Graduation

- None

Minor

- None required.

Departmental Exit Requirements

- A grade of "C" or above (2.0) is required for each course in the core.
- Computer Competency met by completing this major

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 42 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule requirement, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Honors In Major

- None

Additional Information

Certificates

- None

Related Minors

- All UCF minors

Advising Notes

- None

Transfer Notes

- Lower division courses do not substitute for upper division courses.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alc/academic_learning_compacts.htm

Interdisciplinary Studies (B.A./B.S.)

College

College of Undergraduate Studies

Program Type

Major

Program Contact Information

College of Undergraduate Studies
Office of Interdisciplinary Studies
Trevor Colbourn Hall (TCH), 239
407-823-0144
is@ucf.edu

Is this program available 100% online?

Yes

UCF Online

Online Interdisciplinary Studies, BA/BS

Admission Requirements

None

Program Description

Interdisciplinary Studies is a university-wide program leading to either the Bachelor of Arts or the Bachelor of Science in Interdisciplinary Studies, depending on the concentration of work selected in consultation with an Interdisciplinary Studies advisor. The program is administered through the Interdisciplinary Studies Department and is designed for academic flexibility. It recognizes that there are many combinations of courses that meet the needs of individual students.

Interdisciplinary Studies (B.A. or BS) may be completed fully online, although not all elective options or program prerequisites may be offered online. Newly admitted students choosing to complete this program exclusively via UCF online classes may enroll with a reduction in campus-based fees.

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students must have declared an Interdisciplinary Studies major at least two semesters before graduation.
- Research, Internship, and Independent study credit cannot be used in this major without prior approval from Interdisciplinary Studies. Meet with a college advisor for additional information.
- Co-op credit cannot be used in this major.
- Students must earn at least a "C" (2.0) in each core and restricted elective course.
- Students must consult with a college advisor to enter the program.
- Courses designated in 1 (General Education Program) and 2 (Common Program Prerequisites) are usually completed in the first 60 hours.
- No courses can count in more than one subject area or in a subject area and a minor.
- Students wishing to earn an Interdisciplinary Studies degree as a double degree, double major, or second major, must complete all restricted elective credits exclusive of the credits done for the other degree(s) or major(s), including any minors associated with that degree or degrees.

General Education (GEP)

- Complete all of the following
 - Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)

- MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- GEP 6- Historical & Cultural Foundation - choose a course from GEP 4 or GEP 5
- Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - Complete at least 1 courses from the following:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)
- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)

- ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - Complete at least 1 courses from the following:
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36 - 39**

Degree Requirements

Core Requirements

3 Total Credits

- Complete the following:
 - IDS3933 - Cornerstone Experience (3)

Restricted Electives

30 Total Credits

- Earn at least 30 credits from the following types of courses:
 - * Students must complete two different subject area concentrations from among those specified below. * Students must take a minimum of 15 hours of approved courses in each selected subject area (excluding GEP courses). Courses are considered approved only when they have been reviewed by an Interdisciplinary Studies adviser and not simply when they appear on a student audit. * Students are required to take a minimum of 15 UCF hours, as well as 15 upper division hours, in the two areas combined. * The program will maintain a list of approved courses; substitutions require recommendation by an advisor and approval by the program director. * Up to three hours of undergraduate research, with a minimum grade of C (2.0), may be applied to restricted electives with prior program approval. * Up to three hours of internship, whether graded or S/U, may be applied to restricted electives with prior program approval. * See the Interdisciplinary Studies Advising Team for details regarding each area: -Arts -Behavioral and Social Sciences -Commerce -Communication -Computational Sciences -Education -Engineering -Health -Humanities -Letters and Modern Languages -Physical Sciences -Life/Biomedical Sciences -Public Affairs

Electives

0 Total Credits

- Select primarily from upper level courses, with an Interdisciplinary Studies adviser's approval to reach 120 credit hours.

Capstone

3 Total Credits

- Complete the following:
 - IDS4934 - Capstone Experience (3)

Grand Total Credits: **36**

Program Details

Foreign Language Requirements

Admissions

- BA: Met by graduation requirement.
- BS: Two years high school, or one year college language (or equivalent proficiency exam) prior to graduation.
- Note: Students entering without having met the admission requirements must do so in order to graduate.

Graduation

- BA: Proficiency equivalent to one year of college instruction in either a foreign language or proficiency equivalent to American Sign Language III. Standardized examinations may be used to meet the requirement.
- BS: Proficiency equivalent to one semester of college instruction in a foreign language or one course with a multicultural dimension. Standardized examinations for foreign languages may be used to meet the requirement.

Additional Requirements

- None

Required Minors

- Students must complete a minor from those offered at UCF. The minor cannot overlap with the two subject areas. Minimum hours required for a minor is eighteen. The minor degree audit must be approved by, and completion of the minor certified by, the department offering the minor.

Departmental Exit Requirements

- A grade of "C" or above (2.0) is required for each course in the core and restricted electives.
- Computer Competency met by completing this major.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- None

Related Programs

-

Certificates

- None

Related Minors

- Most UCF minors

Advising Notes

- None

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Transfer courses must be evaluated for equivalency credit and/or for use in the degree program by the Interdisciplinary Studies Advising Team. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeas.ucf.edu/alac/academic_learning_compacts.htm

Interdisciplinary Studies, Diversity Studies Track (B.A.)

College

College of Undergraduate Studies

Program Type

Major

Program Contact Information

**College of Undergraduate Studies
Office of Interdisciplinary Studies
Trevor Colbourn Hall (TCH), 239
407-823-0144
is@ucf.edu**

Is this program available 100% online?

Yes

UCF Online

Online Interdisciplinary Studies, BA (Diversity Studies)

Admission Requirements

None

Program Description

The Bachelor of Arts in Interdisciplinary Studies – Diversity Studies Track is a broadly based interdisciplinary curriculum. The degree's interdisciplinary nature provides students with tools that can be applied across a spectrum of science, social behavior, and humanities, while foregrounding the importance of analyses with a focus on diversity and inclusion in such categories as race, ethnicity, gender, sexuality, religion, and ability. Students pursuing a career in social justice or advocacy work, involvement in international nonprofit organizations or diverse research and journalistic careers, as well as those seeking preparation for graduate study in related areas will enjoy the flexibility of this program. This track requires students to take two unique IDS Core courses, 30 credit hours of courses related to theory and representations/experiences of diversity, and select from a number of related minors such as the Women's and Gender Studies or Diversity and Social Inequality. Students interested in pursuing this B.A. degree should contact the IDS Advising team at is@ucf.edu or 407-823-0144.

Interdisciplinary Studies (BA) - Diversity Studies may be completed fully online, although not all elective options or program prerequisites may be offered online. Newly admitted students choosing to complete this program exclusively via UCF online classes may enroll with a reduction in campus-based fees. [Click here for more information about the online program.](#)

Degree Requirements

- Students who change degree programs and select this major must adopt the most current catalog.
- Students must have declared an Interdisciplinary Studies major - Diversity Studies Track at least two semesters before graduation.
- Research, Internship, and Independent study credit may be used in this major with prior approval from Interdisciplinary Studies director. Meet with an Interdisciplinary Studies advisor for additional information.
- Students must earn at least a "C" (2.0) in each core and restricted elective course.
- Students must consult with an Interdisciplinary Studies adviser when entering the degree program and regularly thereafter.
- Courses designated in 1. (General Education Program) and 2. (Common Program Prerequisites) are usually completed in the first 60 hours.
- Students wishing to earn an Interdisciplinary Studies degree as a double degree, double major, or second degree, must complete all fifty-four credits exclusive of credits done for the other degree(s) and/or major(s), including any minors associated with that degree.

General Education (GEP)

- Complete all of the following
 - Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)

- ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- GEP 6- Historical & Cultural Foundation - choose a course from GEP 4 or GEP 5
- Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 7- Mathematical Foundation
 - MAC1105C - College Algebra (3)
 - MAC2311C - Calculus with Analytic Geometry I (4)
 - MGF1106 - Finite Mathematics (3)
 - MGF1107 - Explorations in Mathematics (3)
 - Complete at least 1 courses from the following:
 - GEP 8- Mathematical Foundations
 - CGS2100C - Computer Fundamentals for Business (3)
 - COP2500C - Concepts in Computer Science (3)
 - COP3502C - Computer Science I (3)
 - COT3100C - Introduction to Discrete Structures (3)
 - STA2014 - Principles of Statistics (3)
 - STA2023 - Statistical Methods I (3)
 - STA3032 - Probability and Statistics for Engineers (3)
 - CGS1060C - Introduction to Computers (3)
 - Complete all of the following
 - Complete at least 1 courses from the following:

- ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - Complete at least 1 courses from the following:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
- Complete all of the following
 - Complete at least 1 courses from the following:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - Complete at least 1 courses from the following:
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36 - 39**

Degree Requirements

Core Requirements

3 Total Credits

- Complete the following:
 - IDS3933 - Cornerstone Experience (3)

Restricted Electives

30 Total Credits

- Complete all of the following
 - Theories of Diversity
 - Earn at least 12 credits from the following types of courses:
 - List A: Students will select 4 courses (12 Credit Hours) from the courses listed. The program will maintain a list of approved courses; substitutions require recommendation by an advisor and approval by the program director. AFA 3006 - The African Diaspora: Theories and Movements Credit Hours: 3 AFA 3102 - Introduction to Africana Studies: A Multidisciplinary Approach Credit Hours: 3 AFA 3244 - Africana Social & Cultural Movements Credit Hours: 3 AFA 4242 - Contemporary Issues in Africana Studies Credit Hours: 3 ANT 3212 - Peoples of the World Credit Hours: 3 ANT 3451 - Race Matters: Anthropological Approaches to Racism Credit Hours: 3 ANT 3701 - Engagement & Social Change: Public Anthropology Credit Hours: 3 ANT 4702 - Culture, Inequality and Global Development Credit Hours: 3 ASH 4383 - Imperialism & Decolonization in South Asia Credit Hours: 3 CCJ 4129 - Cultural Diversity in Criminal Justice Credit Hours: 3 ENC 4374 - Gendered Rhetorics Credit Hours: 3 HUM 3320 - Contemporary Multicultural Studies Credit Hours: 3 HUM 3326 - Theories of Sex and Gender in Humanities Credit Hours: 3 HUM 3401 - Asian

Humanities Credit Hours: 3 HUM 3423 - African Humanities Credit Hours: 3 HUM 3460 - Latin American Humanities Credit Hours: 3 HUM 3805 - Critical Theory in the Humanities Credit Hours: 3 HUM 3806 - Critical Race Theory Credit Hours: 3 HUM 4823 - Queer Theory in the Humanities Credit Hours: 3 HUM 4826 - Postcolonial Theory Credit Hours: 3 IDS 3333 - World Comparative Studies Credit Hours: 3 INR 4085 - Women, Gender, and Globalization Credit Hours: 3 LIT 4233 - Postcolonial Theory and Literature Credit Hours: 3 LIT 4554 - Advanced Feminist Theories Credit Hours: 3 MHS 3426 - Diversity Issues in Human Services Credit Hours: 3 PHI 3700 - Philosophy of Religion Credit Hours: 3 PHM 3022 - Sexuality, Gender & Philosophy Credit Hours: 3 PHM 3100 - Freedom and Justice Credit Hours: 3 PHM 3123 - Feminist Theories Credit Hours: 3 REL 4496 - Key Concepts in Religion and Cultural Studies Credit Hours: 3 SOP 3724 - Psychology of Prejudice Credit Hours: 3 SOP 3742 - Psychology of Women Credit Hours: 3 SOP 3784 - Psychology of Diversity Credit Hours: 3 SYD 3700 - Race and Ethnicity Credit Hours: 3 SYD 3805 - Sociology of Sexualities Credit Hours: 3 SYO 3530 - Social Power and Inequality Credit Hours: 3 SYO 4323 - Community and Diversity Credit Hours: 3 SYP 3060 - Sociology of Sex and Reproduction Credit Hours: 3 THE 4230 - Cultural Diversity in Theater Credit Hours: 3 THE 4543 - Theatre for Social Change Credit Hours: 3 WST 3015 - Introduction to Women's Studies Credit Hours: 3 WST 3603 - Introduction to Gender Studies Credit Hours: 3 WST 3621 - Theories of Masculinity Credit Hours: 3 WST 4349 - Ecofeminism Credit Hours: 3 WST 4415 - Global and Transnational Feminism Credit Hours: 3 HSC 3559 - Disabilities in American Society Credit Hours: 3

- Earn at least 18 credits from the following types of courses:

List B: Students will select 6 courses (18 Credit Hours) from the courses listed. Students may select from List A to complete these credit hours provided they have not already taken the course previously. The program will maintain a list of approved courses; substitutions require recommendation by an advisor and approval by the program director.

AFA 3104 - The Black Intellectual Experience Credit Hours: 3 AFA 3300 - African-American and Caribbean Music Credit Hours: 3 AFA 3371 - Evolution of Hip Hop Credit Hours: 3 AMH 3560 - Women, Law, and Society in American History Credit Hours: 3 AMH 3561 - Women in American History I Credit Hours: 3 AMH 3562 - Women in American History II Credit Hours: 3 AMH 3571 - Black American History I Credit Hours: 3 AMH 3572 - Black American History II Credit Hours: 3 AMH 3580 - North American Indians Credit Hours: 3 AMH 3586 - History of Latinos in the U.S. Credit Hours: 3 AMH 4575 - History of the Civil Rights Movement Credit Hours: 3 AMH 4680 - Women in American Science Credit Hours: 3 AML 3283 - Contemporary American Women's Fiction Credit Hours: 3 AML 3286 - Early American Women's Words Credit Hours: 3 AML 3613 - Narratives of Slavery Credit Hours: 3 AML 3614 - Topics in African-American Literature Credit Hours: 3 AML 3615 - Harlem, Haiti, and Havana Credit Hours: 3 AML 3640 - Native American Literature Credit Hours: 3 AML 3643 - Contemporary Native American Prose and Poetry Credit Hours: 3 AML 3682 - Ethnic Literature in America Credit Hours: 3 AML 4630 - Latino/Latina Literature Credit Hours: 3 ANT 4332 - People and Cultures of Latin America Credit Hours: 3 ANT 4340 - Caribbean Cultures Credit Hours: 3 ANT 4352 - African Societies and Cultures Credit Hours: 3 ARH 3674 - Latin American Popular Visual Culture Credit Hours: 3 ARH 4871 - Women in Art Credit Hours: 3 ASH 4304 - Women in China Credit Hours: 3 CCJ 4670 - Women and Crime Credit Hours: 3 CCJ 4681 - Domestic Violence and the Justice System Credit Hours: 3 CCJ 4690 - Sex Offenders and the Criminal Justice System Credit Hours: 3 CCJ 4694 - Human Trafficking and Criminal Justice Credit Hours: 3 CLP 3184 - Women's Mental Health Credit Hours: 3 CPO 4303 - Comparative Latin American Politics Credit Hours: 3 CPO 4710 - Women in Comparative Politics Credit Hours: 3 CPO 4794 - Indigenous Politics and the Environment Credit Hours: 3 EUH 4426 - Sex and Gender in Antiquity Credit Hours: 3 EUH 4610 - Women in European Society: From Medieval to Modern Credit Hours: 3 FIL 3880C - Images of Women in Film Credit Hours: 3 GEA 3403 - Human Geography of Latin America Credit Hours: 3 HSC 3559 - Disabilities in American Society Credit Hours: 3 JST 3510 - Notable Women in Jewish History Credit Hours: 3 LIT 3381 - Women Writers of Color Credit Hours: 3 LIT 3383 - Women in Literature Credit Hours: 3 LIT 3394 - Literature of AIDS Credit Hours: 3 LIT 3823 - Hispanic Women Writers Credit Hours: 3 MMC 4303 - Hispanics in Media in the US Credit Hours: 3 PHM 3020 - Philosophy of Love Credit Hours: 3 PLA 4886 - Sexuality, Gender, & the Law Credit Hours: 3 POS 3076 - American Indian Politics Credit Hours: 3 POS 4023 - The Politics of LGBTQ+ Policy Credit Hours: 3 POS 4074 - Latino Politics Credit Hours: 3 POT 4632 - Religion and Politics Credit Hours: 3 PUP 3314 - Minorities in American Politics Credit Hours: 3 PUP 4323 - Women and Public Policy Credit Hours: 3 REL 3123 - Asian Religions in America Credit Hours: 3 REL 3130 - Religion in America Credit Hours: 3 REL 4936 - Key Figures in Religion and Cultural Studies Credit Hours: 3 SPW 4730 - Hispanic Literature of the United States Credit Hours: 3 SPW 4770 - Caribbean Spanish Literature Credit Hours: 3 SPW 4773 - Puerto Rican Literature Credit Hours: 3 SYD 3772 - Race and Social Media Credit Hours: 3 SYD 3800 - Sex and Gender in Society Credit Hours: 3 SYD 4810 - Women in Contemporary Society Credit Hours: 3 SYD 4813 - Women, Law and Social Change Credit Hours: 3 SYD 4820 - Men, Masculinities and Society Credit Hours: 3 SYO 4200 - Religion in Society Credit Hours: 3 SYO 4424 - Men, Masculinities, and Health Credit Hours: 3 SYO 4429 - Social Identities & Health Credit Hours: 3 SYP 3562 - Domestic

Violence in Society Credit Hours: 3 THE 3272 - Shakespeare to RuPaul: Drag in Entertainment Credit Hours: 3 THE 3383 - Taboo Theatre: Sex & Violence on Stage Credit Hours: 3 THE 4423 - Women in Theatre Credit Hours: 3 WST 3020 - Girls' Studies Credit Hours: 3 WST 3371 - Women and Leadership Credit Hours: 3 WST 3460 - Women, Race and Struggle Credit Hours: 3 WST 3500 - Gender Issues and Community Activism Credit Hours: 3 WST 3522 - First and Second Wave Feminisms Credit Hours: 3 WST 3561 - Third Wave Feminisms Credit Hours: 3 WST 3610 - Gender and Technology Credit Hours: 3 WST 4002 - Research in Women and Gender Studies Credit Hours: 3 WST 4021 - Girls and Leadership Credit Hours: 3 WST 4022 - Girls and the Body Credit Hours: 3 WST 4023 - Virtual Girls Credit Hours: 3 WST 4312 - Representations in Motherhood Credit Hours: 3 CPO 3403 - Politics of the Middle East Credit Hours: 3 CPO 4400 - Kurdish Politics: Identity, Violence, and Democracy Credit Hours: 3 CPO 4514 - Politics of East Asia Credit Hours: 3 CPO 4541 - Chinese Politics Credit Hours: 3 CPO 4553 - Politics of Japan Credit Hours: 3 HUM 4931 - Key Figures in the Humanities & Cultural Studies Credit Hours: 3 HUM 4934 - Key Concepts in Humanities & Cultural Studies Credit Hours: 3 INR 3250 - Politics of Pan-Africanism Credit Hours: 3 INR 3253 - International Politics of Africa Credit Hours: 3 INR 4075 - Human Rights Policy Credit Hours: 3 INR 4224 - Contemporary International Politics of Asia Credit Hours: 3 PHH 3701 - Native American Philosophy Credit Hours: 3 POS 3234 - Protest in American Politics Credit Hours: 3 POS 4622 - Politics and Civil Rights Credit Hours: 3

Electives

0 Total Credits

- Select primarily from upper level courses, with Interdisciplinary Studies advisor's approval to reach 120 total credit hours.

Capstone Requirement

3 Total Credits

- Complete the following:
 - IDS4934 - Capstone Experience (3)

Grand Total Credits: **36**

Program Details

Foreign Language Requirements

Admissions

- Met by graduation requirement

Graduation

- Proficiency equivalent to one year of college instruction in either a foreign language or proficiency equivalent to American Sign Language III. Standardized examinations may be used to meet the requirement.
- Note: Students entering without having met the admission requirement must do so in order to graduate.

Additional Requirements

- None

Required Minors

Available Minors, students will choose 1

- American Indian Studies

- Anthropology in Multicultural Studies
- Cultural Anthropology
- Diversity and Social Inequality
- International and Global Studies
- Global Sociology
- Mass Culture and Collective Behavior
- Humanities and Cultural Studies
- Judaic Studies
- Middle Eastern Studies
- Religion and Cultural Studies
- Africana Studies
- American Studies
- Asian Studies
- Global Peace and Security Studies
- Latin American Area Studies
- Women's and Gender Studies
- World Comparative Studies

Departmental Exit Requirements

A grade of "C" or above (2.0) is required for each course taken in the core and each of the subject areas.

Computer Competency is met by departmental assessment, or the following courses:

- CGS 1060C - Introduction to Computers **Credit Hours: 3**
- STA 1063C - Basic Statistics Using Microsoft Excel **Credit Hours: 3**

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- None

Related Programs

- Interdisciplinary Studies (B.A./B.S.)
- Women's and Gender Studies

Certificates

- None

Related Minors

- Most UCF minors

Advising Notes

- The Interdisciplinary Studies will maintain an internal "specialization" list for advising that groups the classes by topic (i.e. race, gender, region of study, etc.).

Transfer Notes

- Lower division courses do not substitute for upper division courses.
- Transfer courses must be evaluated for equivalency credit and/or for use in the degree program by the Interdisciplinary Studies Advising Team. The student must provide all supporting information.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.o eas.ucf.edu/al c/academic_learning_compacts.htm

Leadership Studies Certificate

College

College of Undergraduate Studies

Program Type

Certificate

Program Contact Information

**College of Undergraduate Studies
Office of Interdisciplinary Studies
Trevor Colbourn Hall (TCH), 239
407-823-0144
is@ucf.edu**

Admission Requirements

None

Program Description

The Leadership Studies (LS) certificate is an interdisciplinary academic program that focuses on developing several dimensions of leadership understanding and skills for undergraduate students. The certificate builds upon foundational courses with specific aspects of leadership covered.

Certificate will be awarded only at time of degree completion.

Degree Requirements

Foundation Requirement

4 Total Credits

- Complete the following:
 - LDR2001 - Foundations of Leadership (2)
 - LDR2002 - Intermediate Foundations of Leadership (2)

Restricted Electives

9 Total Credits

- Complete 3 of the following
 - Communication
 - Complete at least 1 of the following:
 - COM3011C - Communication and Human Relations (3)
 - COM4120 - Organizational Communication (3)
 - COM4461 - Intercultural Communication (3)
 - COM4462 - Conflict Management (3)
 - Collaboration
 - Complete at least 1 of the following:
 - INP3004 - Industrial/Organizational Psychology (3)
 - INP4313 - Organizational Psychology (3)
 - MAN4240 - Organizations: Theory and Behavior (3)
 - MAN3025 - Management of Organizations (3)
 - SPC4426 - Group Dynamics (3)
 - Social Relations and Culture
 - Complete at least 1 of the following:
 - ANT3541 - Biobehavioral Anthropology (3)
 - CLP3143 - Abnormal Psychology (3)
 - COM4461 - Intercultural Communication (3)
 - EXP3304 - Motivation and Emotion (3)
 - SOP3004 - Social Psychology (3)
 - SOP3723 - Cross Cultural Psychology (3)
 - SOP3742 - Psychology of Women (3)
 - SOP3784 - Psychology of Diversity (3)
 - Politics
 - Complete at least 1 of the following:
 - PAD3003 - Public Administration in American Society (3)
 - PAD4104 - Administrative Theory (3)
 - PAD4144 - Nonprofit Organizations (3)
 - PAF4754 - Interdisciplinary Leadership in Public Affairs (3)
 - POS3413 - The American Presidency (3)
 - POS4206 - Political Psychology (3)
 - Ethics
 - Complete at least 1 of the following:
 - BUL3130 - Legal and Ethical Environment of Business (3)
 - EDF3601 - Professional Ethics in Education (3)
 - PAD3040 - Ethics and Values in Public Administration (3)
 - PHI2108 - Critical Thinking (3)
 - PHI3640 - Environmental Ethics (3)

Grand Total Credits: **13**

Program Details

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 13

Other Requirements

- Earn a grade of "C" (2.0) or better in each course used to satisfy the certificate.
- At least 12 credit hours used in the certificate must be earned at UCF.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the certificate.
- Students cannot complete both the Leadership Studies certificate and the Leadership Studies minor.

Leadership Studies Minor

College

College of Undergraduate Studies

Program Type

Minor

Program Description

College of Undergraduate Studies
Office of Interdisciplinary Studies
Trevor Colbourn Hall (TCH), 239
407-823-0144
is@ucf.edu

The Leadership Studies (LS) minor is an interdisciplinary academic program that focuses on developing several dimensions of leadership understanding and skills for undergraduate students. The minor builds upon foundational courses with specific aspects of leadership involving communication, collaboration, social relations, politics, and ethics.

Minor Admission Requirements

- None

Minor Requirements

- None

Prerequisite Courses

- Note: It is the student's responsibility to ensure that prerequisite courses have been completed before enrolling in any of these courses requiring a prerequisite.

Program Details

Required Courses (19 Credit Hours)

Foundation Requirement (4 Credit Hours)

- LDR 2001 - Foundations of Leadership **Credit Hours: 2**
- LDR 2002 - Intermediate Foundations of Leadership **Credit Hours: 2**

Restricted Requirements (15 Credit Hours)

- Choose one course from each of the five areas:

Communication (3 Credit Hours)

- COM 3011C - Communication and Human Relations **Credit Hours: 3**
- COM 4120 - Organizational Communication **Credit Hours: 3**
- COM 4461 - Intercultural Communication **Credit Hours: 3**
- COM 4462 - Conflict Management **Credit Hours: 3**
- ENC 3250 - Professional Writing **Credit Hours: 3**
- SPC 3445 - Leadership Through Oral Communication **Credit Hours: 3**

Collaboration (3 Credit Hours)

- INP 3004 - Industrial/Organizational Psychology **Credit Hours: 3**
- INP 4313 - Organizational Psychology **Credit Hours: 3**
- MAN 4240 - Organizations: Theory and Behavior **Credit Hours: 3**
- MAN 3025 - Management of Organizations **Credit Hours: 3**
- SPC 4426 - Group Dynamics **Credit Hours: 3**

Social Relations and Culture (3 Credit Hours)

- ANT 3541 - Biobehavioral Anthropology **Credit Hours: 3**
- CLP 3143 - Abnormal Psychology **Credit Hours: 3**
- COM 4461 - Intercultural Communication **Credit Hours: 3**
- EXP 3304 - Motivation and Emotion **Credit Hours: 3**
- SOP 3004 - Social Psychology **Credit Hours: 3**
- SOP 3723 - Cross Cultural Psychology **Credit Hours: 3**
- SOP 3742 - Psychology of Women **Credit Hours: 3**
- SOP 3784 - Psychology of Diversity **Credit Hours: 3**

Politics (3 Credit Hours)

- PAD 3003 - Public Administration in American Society **Credit Hours: 3**
- PAD 4104 - Administrative Theory **Credit Hours: 3**
- PAD 4144 - Nonprofit Organizations **Credit Hours: 3**
- PAF 4754 - Interdisciplinary Leadership in Public Affairs **Credit Hours: 3**
- POS 3413 - The American Presidency **Credit Hours: 3**
- POS 4206 - Political Psychology **Credit Hours: 3**
- SYO 4300 - Political Sociology **Credit Hours: 3**

Ethics (3 Credit Hours)

- BUL 3130 - Legal and Ethical Environment of Business **Credit Hours: 3**
- EDF 3601 - Professional Ethics in Education **Credit Hours: 3**
- PAD 3040 - Ethics and Values in Public Administration **Credit Hours: 3**
- PHI 2108 - Critical Thinking **Credit Hours: 3**
- PHI 3638 - Ethical Issues in the 21st Century **Credit Hours: 3**
- PHI 3640 - Environmental Ethics **Credit Hours: 3**

Restricted Electives

- None

Foreign Language Requirements

- None

Total Undergraduate Credit Hours Required: 19

Other Requirements

- Earn a grade of "C" (2.0) or better in each course used to satisfy the minor.
- At least 15 credit hours used in the minor must be earned at UCF.
- No credit by exam (TSD, Military credit) may be used.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor.
- Students cannot complete both the Leadership Studies minor and the Leadership Studies certificate.

Service-Learning Certificate

College

College of Undergraduate Studies

Program Type

Certificate

Program Contact Information

College of Undergraduate Studies
Office of Interdisciplinary Studies
Experiential Learning
Career Services and Experiential Learning (CSEL), 300

Director, Experiential Learning: Quynh Dao Dang

HIP@ucf.edu

407-823-2667

Vrhaniku.Haynes@ucf.edu

Admission Requirements

None

Program Description

The certificate program in Service-Learning is designed for students in any discipline who seek to engage in a reflective analysis of community service as it relates to academic course work. Service-Learning furthers the learning objectives of the academic course, addresses community needs, and requires students to reflect on their activity in order to gain an appreciation for the relationship between civics and academics. Through Service-Learning (SL) courses, students develop academic skills, civic responsibility, and career opportunities. Since this certificate requires the completion of four SL courses, it reflects significant interest and commitment to this process. This certificate is open to all undergraduate and graduate students in any major.

Degree Requirements

12 Total Credits

- Earn at least 12 credits from the following types of courses:
Students may choose any four of the UCF-approved service-learning courses in any discipline to satisfy the credit hour requirements. Service-Learning courses are designated with an "SL" and can be accessed under "special groups" in the class schedule. Students may also contact the Office of Experiential Learning to clarify SL designated courses.

Grand Total Credits: **12**

Program Details

Foreign Language Requirements

- None

Total Semester Hours Required

- 12

Other Requirements

- Minimum GPA of 2.5 in UCF-approved SL classes.
- Minimum of 60 community service hours in four (4) UCF-approved SL classes.

Rosen College of Hospitality Management

Beverage Management Certificate

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

Program Type

Certificate

Program Contact Information

Rosen College of Hospitality Management
Department of Foodservices and Lodging Management
407-903-8000
hospitality@ucf.edu

Interim Department Chair: Dr. Cynthia Mejia

Associate Dean of Academic Affairs, the Visit Orlando Endowed Chair for Tourism Marketing & Professor: Dr. Alan Fyall

Dean, Rosen College of Hospitality Management: Dr. Youcheng Wang

Admission Requirements

None

Program Description

As the nation's leading hospitality college, Rosen College has capitalized on its expertise and facilities with the development of a major beverage program that includes ten beverage-related courses. The certificate program in Beverage Management is a specialized track of study for those interested in careers in beverage operations or in the wider beverage industry.

Students will develop an understanding of beer, wine, and spirits, and learn key concepts, strategies, and practical skills relevant to the successful management of beverage operations in a restaurant, bar, or other food and/or beverage business. An optional sales, marketing, and distribution elective will be helpful to students seeking a career beyond beverage operations.

Degree Requirements

Required Courses

9 Total Credits

- Complete all of the following
 - Complete the following:
 - HFT4861 - Beverage Management (3)
 - Complete at least 1 of the following:
 - HFT4065C - Fine Spirits Management (3)
 - HFT4069 - The World of Distilled Spirits (3)
 - Complete at least 1 of the following:
 - HFT4067 - Wines of the World (3)
 - HFT4866C - Exploring Wines of the World (3)

Restricted Electives

6 Total Credits

- Complete at least 2 of the following:
 - HFT3811 - Beverage Sales, Marketing, and Distribution (3)
 - HFT3068 - History and Culture of Beer (3)
 - HFT4864C - Seminar in Quality Brewing and Fine Beer (3)
 - HFT3868C - History and Culture of Wine (3)
 - HFT4865C - Advanced Wine Management (3)

Grand Total Credits: **15**

Program Details

Certificate Requirements

- No course grade lower than a C will be accepted for the certificate requirements
- The average GPA for the five courses must be 3.00 and higher
- At least 12 credit hours used towards the certificate must be earned at UCF
- Some courses require minimum age 21 on first day of class; students at least 18 but under 21 with CI

Other Requirements:

- No credit by exam (TSD, Military credit) may be used
- Internship or Independent Study credit may not be used toward the program

Entertainment Management (A.S. to B.S.)

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

Program Type

Accelerated Undergraduate Graduate Program

Program Contact Information

Rosen College of Hospitality Management
Tourism, Events, and Attractions Department
407-903-8000
hospitality@ucf.edu

Interim Chair of the Department of Tourism, Events and Attractions & Associate Professor: Dr. Asli Tasci

Associate Dean of Academic Affairs, the Visit Orlando Endowed Chair for Tourism Marketing & Professor: Dr. Alan Fyall

Dean, Rosen College of Hospitality Management: Dr. Youcheng Wang

Admission Requirements

Admission

Students who have followed the program of study and completed their Associate in Science degree at Valencia College as described herein and maintain a 2.0 GPA (not counting grade forgiveness) in transfer work will be accepted into the Rosen College of Hospitality Management.

Program Description

Valencia College (VC) in collaboration with the Rosen College of Hospitality Management at the University of Central Florida has constructed an AS degree in Entertainment Design and Technology to the BS degree in Entertainment Management.

General Education (GEP)

9 Total Credits

- Complete all of the following
 - UCF General Education Program (GEP) (9 Credit Hours) An additional 9 hours of General Education are required to satisfy the required 36 hours for the Bachelor of Science degree. Students are strongly encouraged to speak with an advisor before selecting the additional General Education courses since requirements are different between the two institutions. Students must complete their last 30 hours of their B.S. degree at UCF. Please see a Financial Aid advisor so that your enrollment is covered in these courses.
 - Earn at least 9 credits from the following types of courses:
GEP courses needed to meet UCF requirements described above.

Grand Total Credits: **9**

Prerequisite Admission Courses

- Complete all of the following
 - Associate in Science Degree in Live Entertainment Design and Production at Valencia College (Articulated AS to BS transfer to UCF Rosen College of Hospitality Management) All courses must be completed with a grade of "C" or better to transfer. For students who are pursuing the A.S. to B.S. path, an additional 9 hours of General Education are required to satisfy the required 36 hours for the Bachelor of Science degree. If completing the additional 9 hours at the University, 3 hours will be in Cultural and Historical Foundations (Gordon Rule writing) and 6 hours in Science Foundations. Students are strongly encouraged to speak with an advisor before selecting the additional General Education courses since requirements are different between the two institutions. Please see a Financial Aid advisor so that your enrollment is covered in these courses. Foundation Courses (19 Credits) ENC 1101 - Freshman Composition I Credit Hours: 3 +~* THE 1000 - Introduction to Theatre Credit Hours: 3 +~ TPA 1380 - Survey of Entertainment Technology Credit Hours: 3 TPA 1200C - Basic Stagecraft Credit Hours: 4 PSY 1012 - General Psychology Credit Hours: 3 ~ MAC 1105 - College Algebra Credit Hours: 3 +~* Intermediate Courses SPC 1017 - Interpersonal Communication Credit Hours: 3 ~ TPA 2343C - Comp. Assisted Drafting for the Entertainment Industry Credit Hours: 3 TPA 2260C - Introduction to Audio Production Credit Hours: 3 TPA 2220C - Introduction to Stage Lighting Credit Hours: 4 TPA 2000C - Creative Design for the Theatre Credit Hours: 3 AS to BS at UCF Rosen College of Hospitality Management Specialization TPA 2600 - Stage & Production Management Credit Hours: 3 TPA 2010C - Foundations of Technical Design Credit Hours: 3 TPA 2290C - Technical Theater Production Credit Hours: 3 TPA 2942 - Internship in Theatre Credit Hours: 2 HFT 2750 - The Event Industry Credit Hours: 2 ENC 1102 - Freshman Composition II Credit Hours: 3 +~* MUL 1010 - Music Appreciation Credit Hours: 3 +~ CGS 2100C - Computer Fundamentals and Applications (or STA 2023 - Statistical Methods +~*) Credit Hours: 3 ECO 2013 Principles of Economics Macro ~ (or ECO 2023 - Principles of Economics Micro ~) Credit Hours: 3 ACG 2021C - Financial Accounting Credit Hours: 3 Total Hours Required for AS Degree: 64 Credit Hours + "C" or better required at Valencia College ~ General Education courses * These courses have a prerequisite; check course description in the VC catalog. CGS 2100C satisfies a Math General Education requirement at UCF but not at Valencia. ECO 2023 satisfies a Social Science General Education requirement at UCF but not at Valencia.
 - Earn at least 64 credits from the following types of courses:
described above

Degree Requirements

Entertainment Management Core
33 Total Credits

- Complete the following:
 - HFT3375 - Entertainment Business (3)
 - HFT3463 - Revenue Strategies in the Entertainment Industry (3)
 - HFT3540 - Guest Services Management I (3)
 - HFT3795 - Leading in the Entertainment Industry (3)
 - HFT4378 - Entertainment Portfolio Management (3)
 - HFT4398 - Entertainment Entrepreneurship (3)
 - HFT4469 - Financial Performance in Entertainment (3)
 - HFT4623 - Entertainment Law and Ethics (3)
 - HFT4755 - Theme Park and Attraction Management (3)
 - MUS4320 - Music Business and Industry (3)
 - HFT3593 - Consumer Behavior in Entertainment (3)

Restricted Electives
12 Total Credits

- Complete at least 4 of the following:
 - HFT3357 - Sport and Club Event Operations (3)
 - HFT3364 - Dynamic Marketing of Sporting Events (3)
 - HFT3391 - Experiences in Sporting Events (3)
 - HFT3512 - Event Promotion (3)
 - HFT3594 - Entertainment Brand Relations and Publicity (3)
 - HFT3785 - Management of Gaming Enterprises (3)
 - HFT3798 - Fairs and Festivals (3)
 - HFT4626 - Public Policy Issues in the Entertainment Industry (3)
 - HFT4752 - Managing the Guest Experience in the Theme Park and Attraction Industry (3)
 - HFT4795 - Entertainment Arts and Events (3)
 - HFT4796 - International Events (3)
 - PLA4825 - Entertainment Law (3)
 - THE3240 - Evolution of Musical Theatre (3)
 - THE3272 - Shakespeare to RuPaul: Drag in Entertainment (3)
 - THE3383 - Taboo Theatre: Sex & Violence on Stage (3)
 - TPA3183 - The Themed Experience (3)
 - TPA4400 - Theatre Management (3)
 - HFT4751 - Managing the Employee Experience in the Theme Park and Attraction Industry (3)

Internship
2 Total Credits

- Complete all of the following
 - Earn at least 1 credits from the following:
 - HFT4941 - Internship II (1 - 99)
 - Earn at least 1 credits from the following:
 - HFT4944 - Internship III (1 - 99)

Grand Total Credits: **47**

Program Details

Total Hours at the University of Central Florida (56 Credit Hours)

Special College Requirements

- Grades of "C-" (1.75) or below do not transfer into the Hospitality Management courses.
- A grade of "C" (2.0) or better is required in each course that applied toward the major.
- Please note that State University System foreign language admission requirement is demonstrated competency in a foreign language or American Sign Language equivalent to at least the second high school level or the secondary elementary course at the college level. This requirement may be satisfied at either UCF or Valencia and must be completed prior to graduation from the BS degree. Please see your advisor if you have not met this requirement.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 hours of upper level division credit completed
- 30 semester hours of coursework completed in residency (last 30 hours) at UCF
- Completion of the General Education Program, the Gordon Rule, and 9 semester hours of Summer credit (if applicable)
- Grades of "D" do not transfer into the major nor count to meet Gordon Rule requirements.

Total Hours Required for BS Degree: 120 Hours

Entertainment Management (B.S.)

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

Program Type

Major

Program Contact Information

**Rosen College of Hospitality Management
Tourism, Events, and Attractions Department**
407-903-8000
hospitality@ucf.edu

**College of Arts and Humanities
School of Performing Arts
Department of Music**
407-823-2869
ucfmusic@ucf.edu

Interim Chair of the Department of Tourism, Events and Attractions & Associate Professor: Dr. Asli Tasci

Associate Dean of Academic Affairs, the Visit Orlando Endowed Chair for Tourism Marketing & Professor: Dr. Alan Fyall

Dean, Rosen College of Hospitality Management: Dr. Youcheng Wang

Admission Requirements

None

Program Description

The B.S. in Entertainment Management is an educational partnership between Rosen College and UCF's College of Arts and Humanities. Students will take classes in both colleges to complete the 120-credit-hour program, which complements a variety of other disciplines.

Graduates may pursue careers in a variety of areas related to the entertainment industry, including live performances and events, historical/cultural/educational exhibits, digital media, film enterprises, tourism attractions, experiential hospitality-related products, special events, sporting events and recreational or leisure activities.

Degree Requirements

- Students must earn a minimum 2.0 overall GPA in course work taken within the Rosen College of Hospitality Management, and a minimum 2.0 GPA in all courses listed in the common program prerequisites, the basic and advanced core courses, and the restricted electives.
- Students must earn a "C" (2.0) or better in each course listed in the common program prerequisites, the basic and advanced cores, and the restricted electives.

General Education (GEP)

36 Total Credits

- Complete all of the following
 - Communication
 - Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Historical & Cultural
 - Complete all of the following

- Earn at least 3 credits from the following course sets:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- GEP 6- Historical & Cultural - choose a course from GEP 4 or GEP 5
- Earn at least 3 credits from the following course sets:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)

Mathematics

- Complete all of the following
 - Complete the following:
 - MAC1105C - College Algebra (3)
 - Complete at least 1 of the following:

- CGS2100C - Computer Fundamentals for Business (3)
 - STA2023 - Statistical Methods I (3)
- GEP 7 & 8- Mathematical Foundation
- Social
 - Complete all of the following
 - GEP 9 & 10- Social Foundation
 - Complete at least 1 of the following:
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - Complete at least 1 of the following:
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - ANT2000 - General Anthropology (3)
- Science
 - Complete all of the following
 - Earn at least 3 credits from the following course sets:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - Earn at least 3 credits from the following course sets:
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36**

Common Program Prerequisites (CPP) (If applicable)

3 Total Credits

- Complete the following:
 - HFT2071 - Introduction to the Entertainment Industry (3)

Grand Total Credits: **3**

Degree Requirements

Hospitality Core
12 Total Credits

- Complete the following:
 - HFT2401 - Hospitality Industry Financial Accounting (3)
 - HFT2750 - The Event Industry (3)
 - HFT3540 - Guest Services Management I (3)
 - HFT4755 - Theme Park and Attraction Management (3)

Entertainment Management Core

30 Total Credits

- Complete the following:
 - HFT2563 - Digital Marketing in Entertainment (3)
 - HFT3375 - Entertainment Business (3)
 - HFT3395 - Entertainment Technology and Innovation (3)
 - HFT3593 - Consumer Behavior in Entertainment (3)
 - HFT3795 - Leading in the Entertainment Industry (3)
 - HFT4377 - Entertainment Production Management (3)
 - HFT4378 - Entertainment Portfolio Management (3)
 - HFT4469 - Financial Performance in Entertainment (3)
 - HFT4623 - Entertainment Law and Ethics (3)
 - HFT3463 - Revenue Strategies in the Entertainment Industry (3)

Internship

3 Total Credits

- Complete all of the following
 - Earn at least 1 credits from the following:
 - HFT3940 - Internship I (1 - 99)
 - Earn at least 1 credits from the following:
 - HFT4941 - Internship II (1 - 99)
 - Earn at least 1 credits from the following:
 - HFT4944 - Internship III (1 - 99)

Entertainment Management Performing Arts courses

6 Total Credits

- Complete the following:
 - MUS4320 - Music Business and Industry (3)
 - THE3082 - Theatre Careers (3)

Restricted Electives

12 Total Credits

- Complete at least 4 of the following:
 - HFT3357 - Sport and Club Event Operations (3)
 - HFT3364 - Dynamic Marketing of Sporting Events (3)
 - HFT3391 - Experiences in Sporting Events (3)
 - HFT3512 - Event Promotion (3)
 - HFT3594 - Entertainment Brand Relations and Publicity (3)
 - HFT3785 - Management of Gaming Enterprises (3)
 - HFT3798 - Fairs and Festivals (3)
 - HFT4398 - Entertainment Entrepreneurship (3)
 - HFT4626 - Public Policy Issues in the Entertainment Industry (3)
 - HFT4752 - Managing the Guest Experience in the Theme Park and Attraction Industry (3)
 - HFT4759 - Product Development in Theme Parks and Attractions (3)
 - HFT4795 - Entertainment Arts and Events (3)
 - HFT4796 - International Events (3)
 - PLA4825 - Entertainment Law (3)
 - PLA4825 - Entertainment Law (3)
 - THE3240 - Evolution of Musical Theatre (3)
 - THE3383 - Taboo Theatre: Sex & Violence on Stage (3)
 - THE3272 - Shakespeare to RuPaul: Drag in Entertainment (3)
 - TPA3183 - The Themed Experience (3)
 - TPA4400 - Theatre Management (3)

Grand Total Credits: **63**

Program Details

Foreign Language Requirements

Admissions

- State University System foreign language admission requirement: two years in high school or one year in college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation

- None

Additional Requirements

- Final exams will be given during Final Exam Week only.
- Transfer students to this program must take a minimum of thirty (30) credit hours in Hospitality Management core classes or restricted electives at UCF.

Required Minors

- None

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Additional Information

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- Students must earn a "C" (2.0) or better in each course listed in the common program prerequisites, the basic and advised cores, and the restricted electives.

Transfer Notes

- Subject to the general grade and residence requirements, credit will be granted for transferred course work equivalent to that required in the UCF Rosen College of Hospitality Management.
- Florida College System institution students are encouraged to complete the general education requirements prior to transferring to UCF.
- A minimum of 30 semester hours must be completed at UCF within the entertainment management major.
- Orientation and advising are two of the most valuable tools that a student can make use of when transferring to UCF. Students should take advantage of both.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oeras.ucf.edu/alc/academic_learning_compacts.htm

Event Management (B.S.)

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

Program Type

Major

Program Contact Information

**Rosen College of Hospitality Management
Tourism, Events, and Attractions Department
407-903-8000
hospitality@ucf.edu**

Interim Chair of the Department of Tourism, Events and Attractions & Associate Professor: Dr. Asli Tasci

Associate Dean of Academic Affairs, the Visit Orlando Endowed Chair for Tourism Marketing & Professor: Dr. Alan Fyall

Dean, Rosen College of Hospitality Management: Dr. Youcheng Wang

Program Description

Admission Requirements

- None

Degree Requirements

- Students must earn a minimum 2.0 overall GPA in course work taken within the Rosen College of Hospitality Management, and a minimum 2.0 GPA in all courses listed in the common program prerequisites, the basic and advanced core courses, and the restricted electives.
- Students must earn a "C" (2.0) or better in each course listed in the common program prerequisites, the basic and advanced cores, and the restricted electives.

General Education (GEP)

36 Total Credits

- Complete all of the following
 - Communication
 - Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Historical & Cultural
 - Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - GEP 6- Historical & Cultural Foundation - choose a course from GEP 4 or GEP 5
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)

- FIL2030 - History of Motion Pictures (3)
- FIL3036 - Film History I (3)
- FIL3037 - Film History II (3)
- LIT2110 - World Literature I (3)
- LIT2120 - World Literature II (3)
- MUH2017 - Survey of Rock Music (3)
- MUH2019 - American Popular Music, 1840s-present (3)
- MUL2016 - Evolution of Jazz (3)
- MUL2720 - Music of the World (3)
- PHI2010 - Introduction to Philosophy (3)
- REL2300 - World Religions (3)
- THE2000 - Theatre Survey (3)
- MUL2010 - Enjoyment of Music (3)

Mathematical

- Complete all of the following
 - GEP 7 & 8- Mathematical Foundation
 - Complete the following:
 - MAC1105C - College Algebra (3)
 - Complete at least 1 of the following:
 - CGS2100C - Computer Fundamentals for Business (3)
 - STA2023 - Statistical Methods I (3)

Social

- Complete all of the following
 - GEP 9 & 10- Social Foundation
 - Complete at least 1 of the following:
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - Complete at least 1 of the following:
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - ANT2000 - General Anthropology (3)

Science

- Complete all of the following
 - Earn at least 3 credits from the following course sets:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - Earn at least 3 credits from the following course sets:
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36**

Common Program Prerequisites (CPP) (If applicable)

3 Total Credits

- Complete the following:
 - HFT1000 - Introduction to the Hospitality and Tourism Industry (3)

Grand Total Credits: **3**

Degree Requirements

Hospitality Mgt Core
27 Total Credits

- Complete all of the following
 - Complete the following:
 - HFT2220 - Hospitality Human Resources Management (3)
 - HFT2254 - Lodging Operations (3)
 - HFT2401 - Hospitality Industry Financial Accounting (3)
 - HFT2500 - Hospitality and Tourism Marketing (3)
 - HFT3431 - Hospitality Industry Managerial Accounting (3)
 - HFT3540 - Guest Services Management I (3)
 - HFT4286 - Hospitality Communications (3)
 - HFT4464 - Hospitality Industry Finance (3)
 - Complete all of the following
 - Earn at least 1 credits from the following:
 - HFT3940 - Internship I (1 - 99)
 - Earn at least 1 credits from the following:
 - HFT4941 - Internship II (1 - 99)
 - Earn at least 1 credits from the following:
 - HFT4944 - Internship III (1 - 99)

Event Mgt Core
27 Total Credits

- Complete all of the following
 - Complete the following:
 - HFT2750 - The Event Industry (3)
 - HFT3443 - Event Technology (3)
 - HFT3519 - Event Services (3)
 - HFT3523 - Event Sales (3)
 - HFT3670 - Hospitality and Event Risk Management (3)
 - HFT4542 - Strategic Event Design (3)
 - HFT3512 - Event Promotion (3)
 - HFT4757 - Event Tourism Strategies (3)
 - Complete at least 1 of the following:
 - HFT4856 - Event Food and Beverage Strategies (3)
 - FSS4286C - Catering Management (3)

Restricted Electives
15 Total Credits

- Complete at least 5 of the following:
 - HFT3391 - Experiences in Sporting Events (3)
 - HFT3357 - Sport and Club Event Operations (3)
 - HFT3364 - Dynamic Marketing of Sporting Events (3)
 - HFT3798 - Fairs and Festivals (3)
 - HFT4394 - Event Operations (3)
 - HFT4561 - Destination Marketing & Management (3)
 - HFT4754 - Exhibit and Trade Show Operations (3)
 - HFT4796 - International Events (3)
 - HFT4866C - Exploring Wines of the World (3)
 - HFT4795 - Entertainment Arts and Events (3)

Grand Total Credits: **69**

Program Details

Electives

- 3-11 hours as necessary to result in 120 total credit hours.

Additional Requirements

- Final exams will be given during Final Exam Week only.
- Transfer students to this program must take a minimum of thirty (30) credit hours in Hospitality Management core classes or restricted electives at UCF.

Required Minors

- None

Departmental Exit Requirements

- Students must earn a "C" (2.0) or better in each course listed in the common program prerequisites, the basic and advanced core, and the restricted electives.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Additional Information

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- Students must earn a "C" (2.0) or better in each course listed in the common program prerequisites, the basic and advised cores, and the restricted electives.

Transfer Notes

- Subject to the general grade and residence requirements, credit will be granted for transferred course work equivalent to that required in the UCF College of Hospitality Management.
- Florida College System institution students are encouraged to complete the general education requirements prior to transferring to UCF.
- A minimum of 30 semester hours must be completed at UCF within the Event Management major.
- Orientation and advising are two of the most valuable tools that a student can make use of when transferring to UCF. Students should take advantage of both.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oead.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$37.50 per term
 - Full-Time Student: \$75 per term
-

Hospitality Information Technology Certificate

College

Rosen College of Hospitality Management

Department

Department of Hospitality Services

Program Type

Certificate

Program Contact Information

Rosen College of Hospitality Management
Department of Hospitality Services
407-903-8000
hospitality@ucf.edu

Department Chair: *Dr. Nan Hua*

Associate Dean of Academic Affairs, the Visit Orlando Endowed Chair for Tourism Marketing & Professor: *Dr. Alan Fyall*

Dean, Rosen College of Hospitality Management: *Dr. Youcheng Wang*

Professor, Ph.D. Program Coordinator: *Dr. M. Hancer*
407-903-8043
murat.hancer@ucf.edu

Admission Requirements

None

Program Description

The certificate program in Hospitality Information Technology focuses on developing students' understanding of hospitality information technology. Students who complete this certificate program will have gained experience in information technology, social media, digital marketing, network security and data management in the hospitality and tourism industry.

Degree Requirements

12 Total Credits

- Complete all of the following
 - Complete the following:
 - HFT3444 - Hospitality Information Systems (3)
 - HFT3505 - Social Media Management in the Hospitality Industry (3)
 - HFT3447 - Database Management and Internet Security for Hospitality Organizations (3)
 - Complete at least 1 of the following:
 - HFT3443 - Event Technology (3)
 - HFT3564 - Digital Marketing for Hospitality Organizations (3)

Grand Total Credits: **12**

Program Details

Certificate Requirements

- No course grade lower than a C will be accepted for the certificate requirements.
- The average GPA for the four courses must be 3.00 and higher.
- All 12 credit hours used towards the certificate must be earned at UCF.

Foreign Language Requirements

None

Hospitality Management, A.S. to B.S. Track (B.S.)

College

Rosen College of Hospitality Management

Program Type

Articulated A.S. Programs

Program Description

Rosen College of Hospitality Management

Department of Hospitality Services

407-903-8000

hospitality@ucf.edu

Department Chair: Dr. Nan Hua

Associate Dean of Academic Affairs, the Visit Orlando Endowed Chair for Tourism Marketing & Professor: Dr. Alan Fyall

Dean, Rosen College of Hospitality Management: Dr. Youcheng Wang

Admission Requirements

- Completion of a Statewide Articulated A.S. in Hospitality Management from a Florida College System institution which is composed of 64 hours of course work, including at least 18 hours of transferable general education courses. Course work will be comprised of 18 hours of general education and 42 hours of upper division hospitality management course work as determined by an individual plan of study. Below is a sample plan of study

Degree Requirements

- Students must earn a minimum 2.0 overall GPA in course work taken within the Rosen College of Hospitality Management, and a minimum 2.0 GPA in all courses listed in the common program prerequisites, the basic and advanced core courses, and the restricted electives.
- Students must earn a "C" (2.0) or better in each course listed in the common program prerequisites, the basic and advanced core, and the restricted electives.

Program Details

General Education Program (GEP) (18 Credit Hours)

Students will complete 18 hours of selected General Education courses. The specific courses will be determined in coordination with General Education courses completed as part of the articulated A.S. and come from the following areas:

Communication Foundations

Cultural & Historical Foundations

Mathematical Foundations

Social Foundations

Science Foundations

Common Program Prerequisites (CPP) (3 Credit Hours)

See "Common Prerequisites" in the Transfer and Transitions Services section for more information.

- HFT 1000 - Introduction to the Hospitality and Tourism Industry **Credit Hours: 3**

Core Requirements: Basic Level

- MAC 1105C - College Algebra **Credit Hours: 3**
- HFT 2401 - Hospitality Industry Financial Accounting **Credit Hours: 3**

Select One: (3 Credit Hours)

- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3** (GEP)
- STA 2023 - Statistical Methods I **Credit Hours: 3** (GEP)

Select One: (3 Credit Hours)

- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3** (GEP)
- ECO 2023 - Principles of Microeconomics **Credit Hours: 3** (GEP)

Core Requirements: Advanced Level (36 Credit Hours)

Hospitality Management Core (24 Credit Hours)

- HFT 3431 - Hospitality Industry Managerial Accounting **Credit Hours: 3**
- HFT 3444 - Hospitality Information Systems **Credit Hours: 3**

- HFT 3540 - Guest Services Management I **Credit Hours: 3**
- HFT 4286 - Hospitality Communications **Credit Hours: 3**
- HFT 4295 - Leadership and Strategic Management in Hospitality Industry **Credit Hours: 3**
- HFT 4464 - Hospitality Industry Finance **Credit Hours: 3**
- HFT 4468 - Revenue Management in the Hospitality Industry **Credit Hours: 3**
- HFT 3940 - Internship I **Credit Hours: 1**
- HFT 4941 - Internship II **Credit Hours: 1**
- HFT 4944 - Internship III **Credit Hours: 1**

Select Three (9 Credit Hours)

- HFT 3005 - Introduction to Hospitality and Senior Living Industries **Credit Hours: 3**
- HFT 3700 - Tourism Management **Credit Hours: 3**
- HFT 3273 - Principles of Resort Timesharing **Credit Hours: 3**
- HFT 4755 - Theme Park and Attraction Management **Credit Hours: 3**
- HFT 4277 - Club Management **Credit Hours: 3**

Restricted Electives (12 Credit Hours)

Students should select 4 3000-4000 level courses from the list of Restricted Electives in the Hospitality Management B.S. degree, or select one of the Specialized Tracks.

- FSS 3008 - Culture and Cuisine **Credit Hours: 3**
- FSS 4286C - Catering Management **Credit Hours: 3**
- HFT 3068 - History and Culture of Beer **Credit Hours: 3**
- HFT 3357 - Sport and Club Event Operations **Credit Hours: 3**
- HFT 3384 - Sport and Club Enterprise Management **Credit Hours: 3**
- HFT 3465 - Applied Quantitative Analysis for the Hospitality and Tourism Industry **Credit Hours: 3**
- HFT 3654 - Hospitality Franchising **Credit Hours: 3**
- HFT 3770 - Cruise Line Operations and Management **Credit Hours: 3**
- HFT 3811 - Beverage Sales, Marketing, and Distribution **Credit Hours: 3**
- HFT 3868C - History and Culture of Wine **Credit Hours: 3**
- HFT 4065C - Fine Spirits Management **Credit Hours: 3**
- HFT 4067 - Wines of the World **Credit Hours: 3**
- HFT 4069 - The World of Distilled Spirits **Credit Hours: 3**
- HFT 4244 - Hospitality Managerial Decision-Making **Credit Hours: 3**
- HFT 4253 - Advanced Lodging Operations **Credit Hours: 3**
- HFT 4266 - Hospitality Brand Management **Credit Hours: 3**
- HFT 4274 - Resort Management **Credit Hours: 3**
- HFT 4343 - Hospitality Facilities Management **Credit Hours: 3**
- HFT 4394 - Event Operations **Credit Hours: 3**
- HFT 4473 - Hospitality and Tourism Development **Credit Hours: 3**
- HFT 4522 - Resort Sales Tactics and Strategies **Credit Hours: 3**
- HFT 4561 - Destination Marketing & Management **Credit Hours: 3**
- HFT 4614 - Risk Management in Theme Parks and Attractions **Credit Hours: 3**
- HFT 4735 - Tourism Geography **Credit Hours: 3**
- HFT 4736 - Destination Management **Credit Hours: 3**
- HFT 4751 - Managing the Employee Experience in the Theme Park and Attraction Industry **Credit Hours: 3**
- HFT 4752 - Managing the Guest Experience in the Theme Park and Attraction Industry **Credit Hours: 3**
- HFT 4758 - Operational Issues in the Theme Park and Attraction Industry **Credit Hours: 3**
- HFT 4759 - Product Development in Theme Parks and Attractions **Credit Hours: 3**
- HFT 4864C - Seminar in Quality Brewing and Fine Beer **Credit Hours: 3**
- HFT 4865C - Advanced Wine Management **Credit Hours: 3**
- HFT 4866C - Exploring Wines of the World **Credit Hours: 3**
- HFT 4894 - International Gastronomy **Credit Hours: 3**
- HUN 3013 - Nutrition Concepts and Issues in the Food Service Industry **Credit Hours: 3**

Capstone Requirements

- None

Electives

- None

Foreign Language Requirements

Admissions

- State University System foreign language requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation

- None

Additional Requirements

- It is the responsibility of the student to take whatever steps are necessary to determine if they have been officially dropped from a course. This does not remove the student's responsibility for dropping courses they do not intend to complete.
- Final exams will be given during Exam Week only.

Required Minors

- None

Departmental Exit Requirements

- Students must earn a minimum 2.0 overall GPA in course work taken within the Rosen College of Hospitality Management, and a minimum 2.0 GPA in all courses listed in the common program prerequisites, the basic and advanced core courses, and the restricted electives.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed

- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 124

Acceptable Substitutes for Transfer Courses

- HFT 2401 - Hospitality Industry Financial Accounting **Credit Hours: 3** may be substituted with: ACG X001

Additional Information

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- Students must earn a "C" (2.0) or better in each course listed in the common program prerequisites, the basic and advised cores, and the restricted electives.

Transfer Notes

- Florida College System students in the A.S. to B.S. track are required to complete an individual plan of study with the College prior to enrolling in their first semester at UCF.
- Subject to the general grade and residence requirements, credit will be granted for transferred course work equivalent to that required in the UCF Rosen College of Hospitality Management.
- A minimum of 30 semester hours must be completed at UCF within the Hospitality major.
- Orientation and advising are two of the most valuable tools that a student can make use of when transferring to UCF. Students should take advantage of both.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$37.50 per term
- Full-Time Student: \$75 per term

Plan of Study

Junior Year - Fall (15 Credit Hours)

- HFT 3540 - Guest Services Management I **Credit Hours: 3**
- General Education Requirement I **Credit Hours: 3**
- General Education Requirement II **Credit Hours: 3**
- General Education Requirement III **Credit Hours: 3**
- General Education Requirement IV **Credit Hours: 3**

Junior Year - Spring (15 Credit Hours)

- HFT 3431 - Hospitality Industry Managerial Accounting **Credit Hours: 3**
- General Education Requirement V **Credit Hours: 3**
- General Education Requirement VI **Credit Hours: 3**
- Sectorial Studies **Credit Hours: 3**
- Sectorial Studies **Credit Hours: 3**

Junior Year - Summer (6 Credit Hours)

- HFT 3444 - Hospitality Information Systems **Credit Hours: 3**
- Sectorial Studies **Credit Hours: 3**

Senior Year - Fall (12 Credit Hours)

- HFT 4464 - Hospitality Industry Finance **Credit Hours: 3**
- HFT 4468 - Revenue Management in the Hospitality Industry **Credit Hours: 3**
- HFT 4286 - Hospitality Communications **Credit Hours: 3**
- Hospitality Restricted Elective **Credit Hours: 3**

Senior Year - Spring (12 Credit Hours)

- HFT 4295 - Leadership and Strategic Management in Hospitality Industry **Credit Hours: 3**
- Hospitality Restricted Elective **Credit Hours: 3**
- Hospitality Restricted Elective **Credit Hours: 3**
- Hospitality Restricted Elective **Credit Hours: 3**

Hospitality Management (B.S.)

College

Rosen College of Hospitality Management

Department

Department of Hospitality Services

Program Type

Major

Program Contact Information

Rosen College of Hospitality Management
Department of Hospitality Services
407-903-8000
hospitality@ucf.edu

Department Chair: *Dr. Nan Hua*

Associate Dean of Academic Affairs, the Visit Orlando Endowed Chair for Tourism Marketing & Professor: *Dr. Alan Fyall*

Dean, Rosen College of Hospitality Management: *Dr. Youcheng Wang*

Is this program available 100% online?

Yes

UCF Online

Online Hospitality Management, BS

Admission Requirements

Students seeking admission into the Hospitality Management Online Degree Program should contact rosencollegeonline@ucf.edu for additional information.

Program Description

Hospitality Management (BS) may be completed fully online, although not all elective options or program prerequisites may be offered online. Newly admitted students choosing to complete this program exclusively via UCF online classes may enroll with a reduction in campus-based fees. Click [here](#) to learn more about this online program.

General Education (GEP)

36 Total Credits

- Complete all of the following
 - Communication
 - Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Complete at least 1 courses from the following:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Historical & Cultural
 - Complete all of the following
 - Complete at least 1 courses from the following:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Complete at least 1 courses from the following:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)

- ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - Complete at least 1 courses from the following:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - GEP 6- Historical & Cultural - choose a course from GEP 4 or GEP 5
- Mathematical
- Complete all of the following
 - Complete the following:
 - MAC1105C - College Algebra (3)
 - Complete at least 1 of the following:
 - CGS2100C - Computer Fundamentals for Business (3)
 - STA2023 - Statistical Methods I (3)
- Social
- Complete all of the following
 - Complete at least 1 of the following:
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - Complete at least 1 of the following:
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - ANT2000H - Honors General Anthropology (3)
- Science

- Complete all of the following
 - Earn at least 3 credits from the following course sets:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - Earn at least 3 credits from the following course sets:
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36**

Degree Requirements

Hospitality Core

61 Total Credits

- Complete all of the following
 - Complete the following:
 - FSS2221C - Techniques of Food Preparation (4)
 - HFT1000 - Introduction to the Hospitality and Tourism Industry (3)
 - HFT2220 - Hospitality Human Resources Management (3)
 - HFT2401 - Hospitality Industry Financial Accounting (3)
 - HFT2500 - Hospitality and Tourism Marketing (3)
 - HFT3224 - Hospitality Management & Leadership Fundamentals (3)
 - HFT3263 - Restaurant Management (3)
 - HFT3431 - Hospitality Industry Managerial Accounting (3)
 - HFT3444 - Hospitality Information Systems (3)
 - HFT3540 - Guest Services Management I (3)
 - HFT3603 - Legal Environment in the Hospitality and Tourism Industry (3)
 - HFT4286 - Hospitality Communications (3)
 - HFT4295 - Leadership and Strategic Management in Hospitality Industry (3)
 - HFT4464 - Hospitality Industry Finance (3)
 - HFT4468 - Revenue Management in the Hospitality Industry (3)
 - HFT2254 - Lodging Operations (3)
 - Complete at least 3 of the following:
 - HFT3005 - Introduction to Hospitality and Senior Living Industries (3)
 - HFT3700 - Tourism Management (3)
 - HFT2750 - The Event Industry (3)
 - HFT3273 - Principles of Resort Timesharing (3)
 - HFT4277 - Club Management (3)
 - HFT4755 - Theme Park and Attraction Management (3)
 - Complete all of the following
 - Earn at least 1 credits from the following:
 - HFT3940 - Internship I (1 - 99)
 - Earn at least 1 credits from the following:

- HFT4941 - Internship II (1 - 99)
- Earn at least 1 credits from the following:
 - HFT4944 - Internship III (1 - 99)

Restricted Electives & Track Options
15 Total Credits

- Complete 1 of the following
 - Restrictive Electives Option
 - Complete at least 5 of the following:
 - FSS3008 - Culture and Cuisine (3)
 - FSS4286C - Catering Management (3)
 - HFT3068 - History and Culture of Beer (3)
 - HFT3357 - Sport and Club Event Operations (3)
 - HFT3384 - Sport and Club Enterprise Management (3)
 - HFT3465 - Applied Quantitative Analysis for the Hospitality and Tourism Industry (3)
 - HFT3654 - Hospitality Franchising (3)
 - HFT3770 - Cruise Line Operations and Management (3)
 - HFT3811 - Beverage Sales, Marketing, and Distribution (3)
 - HFT3868C - History and Culture of Wine (3)
 - HFT4065C - Fine Spirits Management (3)
 - HFT4067 - Wines of the World (3)
 - HFT4069 - The World of Distilled Spirits (3)
 - HFT4244 - Hospitality Managerial Decision-Making (3)
 - HFT4253 - Advanced Lodging Operations (3)
 - HFT4266 - Hospitality Brand Management (3)
 - HFT4274 - Resort Management (3)
 - HFT4292 - Hospitality Innovation & Entrepreneurship (3)
 - HFT4343 - Hospitality Facilities Management (3)
 - HFT4394 - Event Operations (3)
 - HFT4473 - Hospitality and Tourism Development (3)
 - HFT4522 - Resort Sales Tactics and Strategies (3)
 - HFT4751 - Managing the Employee Experience in the Theme Park and Attraction Industry (3)
 - HFT4561 - Destination Marketing & Management (3)
 - HFT4614 - Risk Management in Theme Parks and Attractions (3)
 - HFT4735 - Tourism Geography (3)
 - HFT4736 - Destination Management (3)
 - HFT4752 - Managing the Guest Experience in the Theme Park and Attraction Industry (3)
 - HFT4759 - Product Development in Theme Parks and Attractions (3)
 - HFT4758 - Operational Issues in the Theme Park and Attraction Industry (3)
 - HFT4864C - Seminar in Quality Brewing and Fine Beer (3)
 - HFT4865C - Advanced Wine Management (3)
 - HFT4866C - Exploring Wines of the World (3)
 - HFT4894 - International Gastronomy (3)
 - HUN3013 - Nutrition Concepts and Issues in the Food Service Industry (3)
 - HFT3014 - Wellness Management in Hospitality and Tourism (3)

Theme Park & Attraction Management Track

- Complete at least 5 of the following:
 - HFT4751 - Managing the Employee Experience in the Theme Park and Attraction Industry (3)
 - HFT4614 - Risk Management in Theme Parks and Attractions (3)
 - HFT4759 - Product Development in Theme Parks and Attractions (3)
 - HFT4752 - Managing the Guest Experience in the Theme Park and Attraction Industry (3)
 - HFT4758 - Operational Issues in the Theme Park and Attraction Industry (3)
 - HFT4795 - Entertainment Arts and Events (3)

Lodging Management Track

- Complete at least 5 of the following:
 - HFT3654 - Hospitality Franchising (3)
 - HFT4253 - Advanced Lodging Operations (3)
 - HFT4266 - Hospitality Brand Management (3)
 - HFT4275 - Development of Vacation Ownership Resorts (3)

- HFT4343 - Hospitality Facilities Management (3)
- HFT4473 - Hospitality and Tourism Development (3)
- HFT4522 - Resort Sales Tactics and Strategies (3)

Hospitality Information Technology Track

- Complete the following:
 - HFT3443 - Event Technology (3)
 - HFT3444 - Hospitality Information Systems (3)
 - HFT3564 - Digital Marketing for Hospitality Organizations (3)
 - HFT3447 - Database Management and Internet Security for Hospitality Organizations (3)
 - HFT3505 - Social Media Management in the Hospitality Industry (3)

Grand Total Credits: **76**

Program Details

Capstone

- HFT 4295- Leadership and Strategic Management in Hospitality Industry (3) must be taken in senior year.

Electives

- 3-11 hours as necessary to result in 120 total credit hours.

Foreign Language Requirements

Admissions

- State University System foreign language admission requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation

- None

Additional Requirements

-
- Final exams will be given during Exam Week only.
 - Transfer students to this program must take a minimum of thirty (30) credit hours in Hospitality Management core classes or restricted electives at UCF.

Required Minors

-
- None

Departmental Exit Requirements

-
- Students must earn a minimum 2.0 overall GPA in course work taken within the Rosen College of Hospitality Management, and a minimum 2.0 GPA in all courses listed in the common program prerequisites, the basic and advanced core courses, and the restricted electives.

University Minimum Exit Requirements

-
- A 2.0 UCF GPA
 - 42 semester hours of upper division credit completed
 - 60 semester hours earned after CLEP awarded
 - 30 of the last 39 hours of course work must be completed in residency at UCF.
 - A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits

permitted.

- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- Students must earn a "C" (2.0) or better in each course listed in the common program prerequisites, the basic and advanced cores, and the restricted electives.

Transfer Notes

- Subject to the general grade and residence requirements, credit will be granted for transferred course work equivalent to that required in the UCF College of Hospitality Management.
- Florida College System students are encouraged to complete the general education requirements prior to transferring to UCF.
- A minimum of 30 semester hours must be completed at UCF within the hospitality major.
- Orientation and advising are two of the most valuable tools that a student can make use of when transferring to UCF. Students should take advantage of both.

Acceptable Substitutes for Transfer Courses

- All transfer course work is reviewed to determine if equivalent by the appropriate Department Chair.

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alac/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$37.50 per term
- Full-Time Student: \$75 per term

Hospitality Management Minor

College

Rosen College of Hospitality Management

Department

Department of Hospitality Services

Program Type

Minor

Program Contact Information

Rosen College of Hospitality Management
Department of Hospitality Services
407-903-8000
hospitality@ucf.edu

Department Chair: Dr. Nan Hua

Associate Dean of Academic Affairs, the Visit Orlando Endowed Chair for Tourism Marketing & Professor: Dr. Alan Fyall

Dean, Rosen College of Hospitality Management: Dr. Youcheng Wang

Admission Requirements

None

Program Description

Not available to majors within the Rosen College of Hospitality Management.

Degree Requirements

18 Total Credits

- Complete all of the following
 - Complete the following:
 - HFT1000 - Introduction to the Hospitality and Tourism Industry (3)
 - HFT3540 - Guest Services Management I (3)
 - Complete at least 4 of the following:
 - HFT2401 - Hospitality Industry Financial Accounting (3)
 - HFT2500 - Hospitality and Tourism Marketing (3)
 - HFT2220 - Hospitality Human Resources Management (3)
 - HFT3444 - Hospitality Information Systems (3)
 - HFT3603 - Legal Environment in the Hospitality and Tourism Industry (3)
 - HFT3224 - Hospitality Management & Leadership Fundamentals (3)
 - HFT3700 - Tourism Management (3)
 - HFT3263 - Restaurant Management (3)
 - HFT3273 - Principles of Resort Timesharing (3)
 - HFT4755 - Theme Park and Attraction Management (3)
 - HFT2750 - The Event Industry (3)
 - HFT2254 - Lodging Operations (3)
 - HFT4277 - Club Management (3)

Grand Total Credits: **18**

Program Details

Restricted Electives

- None

Foreign Language Requirements

- None

Other Requirements

- A minimum overall GPA of "C" (2.0) or better in all courses used to satisfy the minor.
- At least 12 credit hours used in the minor must be earned at UCF within the College.
- No credit by exam (TSD, Military credit) may be used in the minor.
- It is the responsibility of the student to take whatever steps are necessary to determine if they have been officially dropped from a course. This does not remove the student's responsibility for dropping courses they do not intend to complete.
- Final exams will be given during Final Exam Week only.
- Internship or Independent Study credit cannot be used toward the minor.

Managing Sporting Events Certificate

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

Program Type

Certificate

Program Contact Information

Rosen College of Hospitality Management
Tourism, Events, and Attractions Department
407-903-8000
hospitality@ucf.edu

Admission Requirements

None

Program Description

The certificate program in Managing Sporting Events is a specialized certificate of study for those interested in careers related to the planning, organizing, and executing of sporting events. Students across UCF can take advantage of this certificate in order to gain competitive edge to excel in careers in the sports event industry.

Degree Requirements

15 Total Credits

- Complete the following:
 - HFT3391 - Experiences in Sporting Events (3)
 - HFT3357 - Sport and Club Event Operations (3)
 - HFT3364 - Dynamic Marketing of Sporting Events (3)
 - HFT3748 - Events in Sport Tourism (3)
 - HFT4749 - Research in Sport Tourism (3)

Grand Total Credits: **15**

Program Details

Certificate Requirements

- No course grade lower than a C will be accepted for the certificate requirements.
- The average GPA for the five courses must be 3.00 and higher.
- At least 12 credit hours used towards the certificate must be earned at UCF.

Foreign Language Requirements

None

Other Requirements

- No credit by exam (TSD, Military credit) may be used.

Professional Tennis Management Certificate

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

Program Type

Certificate

Program Contact Information

Rosen College of Hospitality Management
Tourism, Events, and Attractions Department
407-903-8000
hospitality@ucf.edu

Admission Requirements

None

Program Description

The UCF Professional Tennis Management (PTM) certificate is in collaboration with USTA-U, a division of the United States Tennis Association (USTA), in order to develop the next generation of tennis management leaders.

Degree Requirements

15 Total Credits

- Complete all of the following
 - Complete the following:
 - HFT2434 - Introduction to Professional Tennis Management (3)
 - HFT3357 - Sport and Club Event Operations (3)
 - HFT3384 - Sport and Club Enterprise Management (3)
 - HFT3670 - Hospitality and Event Risk Management (3)
 - Complete all of the following
 - Earn at least 1 credits from the following:
 - HFT3940 - Internship I (1 - 99)
 - Earn at least 1 credits from the following:
 - HFT4941 - Internship II (1 - 99)
 - Earn at least 1 credits from the following:
 - HFT4944 - Internship III (1 - 99)

Grand Total Credits: **15**

Program Details

Certificate Requirements

- All 15 credit hours used towards the certificate must be earned at UCF.
- No course grade lower than a "C" grade will be accepted for each course requirement.
- The average GPA for all courses completed must be equivalent to 3.0 or higher.

Foreign Language Requirement

- None

Other Requirements

- No credit by exam may be used.

Restaurant and Foodservice Management, A.S. to B.S. Track (B.S.)

College

Rosen College of Hospitality Management

Program Type

Major

Program Description

Rosen College of Hospitality Management
Department of Foodservice and Lodging Management
407-903-8000
hospitality@ucf.edu

Interim Department Chair: Dr. Cynthia Mejia

Associate Dean of Academic Affairs, the Visit Orlando Endowed Chair for Tourism Marketing & Professor: Dr. Alan Fyall

Dean, Rosen College of Hospitality Management: Dr. Youcheng Wang

Admission Requirements

- Students who have followed the program of study and completed their A.S. in Restaurant and Foodservice Management at Valencia College and maintain a 2.0 GPA (not including grade forgiveness) in transfer work, will be accepted into UCF Rosen College of Hospitality Management.

Degree Requirements

- Grades of "C-" (1.75) or below do not transfer into Hospitality Management courses.
- A grade of "C" (2.0) or better is required in each course that applied towards the major.

Program Details

General Education Program (12 Credit Hours)

- An additional 12 hours of General Education are required to satisfy the required 36 hours for the Bachelor of Science degree. Students are strongly encouraged to speak with an advisor before selecting the additional General Education courses since requirements are different between two institutions. Students must complete their last 30 hours of their B.S. degree at UCF. Please see a Financial Aid advisor so that your enrollment is covered in these courses.

Communication Foundations (3 Credit Hours)

- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**

Cultural & Historical Foundations (6 Credit Hours)

Mathematical Foundations

Social Foundations

Science Foundations (3 Credit Hours)

Common Program Prerequisites (CPP)

- None

Core Requirements: Basic Level

- None

Core Requirements: Advanced Level (30 Credit Hours)

Hospitality Core Requirements (21 Credit Hours)

- HFT 2401 - Hospitality Industry Financial Accounting **Credit Hours: 3**
- HFT 3431 - Hospitality Industry Managerial Accounting **Credit Hours: 3**
- HFT 3444 - Hospitality Information Systems **Credit Hours: 3**
- HFT 3540 - Guest Services Management I **Credit Hours: 3**
- HFT 4286 - Hospitality Communications **Credit Hours: 3**
- HFT 4295 - Leadership and Strategic Management in Hospitality Industry **Credit Hours: 3**
- HFT 4464 - Hospitality Industry Finance **Credit Hours: 3**

Restaurant and Foodservice Management Core (9 Credit Hours)

- HFT 3813 - Marketing Analysis in the Food Ind **Credit Hours: 3**
- HFT 4457 - Optimizing Profits in Food Ops **Credit Hours: 3**
- HFT 4861 - Beverage Management **Credit Hours: 3**

Restricted Electives (18 Credit Hours)

Select six:

- FSS 3008 - Culture and Cuisine **Credit Hours: 3**
- HFT 3068 - History and Culture of Beer **Credit Hours: 3**
- HFT 3654 - Hospitality Franchising **Credit Hours: 3**
- HFT 3811 - Beverage Sales, Marketing, and Distribution **Credit Hours: 3**
- HFT 3868C - History and Culture of Wine **Credit Hours: 3**
- HFT 4065C - Fine Spirits Management **Credit Hours: 3**
- HFT 4067 - Wines of the World **Credit Hours: 3**
- HFT 4069 - The World of Distilled Spirits **Credit Hours: 3**
- HFT 4244 - Hospitality Managerial Decision-Making **Credit Hours: 3**
- HFT 4266 - Hospitality Brand Management **Credit Hours: 3**
- HFT 4292 - Hospitality Innovation & Entrepreneurship **Credit Hours: 3**
- HFT 4343 - Hospitality Facilities Management **Credit Hours: 3**
- HFT 4473 - Hospitality and Tourism Development **Credit Hours: 3**
- HFT 4864C - Seminar in Quality Brewing and Fine Beer **Credit Hours: 3**
- HFT 4865C - Advanced Wine Management **Credit Hours: 3**
- HFT 4866C - Exploring Wines of the World **Credit Hours: 3**
- HFT 4894 - International Gastronomy **Credit Hours: 3**
- HUN 3013 - Nutrition Concepts and Issues in the Food Service Industry **Credit Hours: 3**

Capstone Requirements

- None

Foreign Language Requirements

Admissions

- Students who have not completed two years of sequential foreign language study or American Sign Language in high school must complete a minimum of eight semester hours of college level foreign language or demonstration proficiency at Valencia College. Students admitted to UCF without completing this requirement must satisfy it prior to graduation from the university. High school transcripts must be submitted to verify that the foreign language admission requirement is met.

Graduation

- None

Electives

- None

Additional Requirements

- None

Required Minors

- None

Departmental Exit Requirements

- None

University Minimum Exit Requirements

- A 2.0 UCF GPA.
- 42 semester hours of upper division credit completed.
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.

- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Semester Hours Required

- 124

Additional Information

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- Students must earn a "C" (2.0) or better in each course listed in the common program prerequisites, the basic and advised cores, and the restricted electives.

Transfer Notes

- Florida College System students in the A.S. to B.S. track are required to complete an individual plan of study with the College prior to enrolling in their first semester at UCF.
- Subject to the general grade and residence requirements, credit will be granted for transferred course work equivalent to that required in the UCF Rosen College of Hospitality Management.
- A minimum of 30 semester hours must be completed at UCF within the Hospitality major
- Orientation and advising are two of the most valuable tools that a student can make use of when transferring to UCF. Students should take advantage of both.

Acceptable Substitutes for Transfer Courses

- CGS 2100C satisfies a Math General Education requirement at UCF, but not at Valencia College.
- ECO 2023 satisfies a Social Science General Education requirement at UCF, but not at Valencia College.

Plan of Study

- None

Program Academic Learning Compact

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Restaurant and Foodservice Management (B.S.)

College

Rosen College of Hospitality Management

Department

Department of Foodservice and Lodging Management

Program Type

Major

Program Contact Information

Rosen College of Hospitality Management
Department of Foodservices and Lodging Management
407-903-8000
hospitality@ucf.edu

Interim Department Chair: Dr. Cynthia Mejia

Associate Dean of Academic Affairs, the Visit Orlando Endowed Chair for Tourism Marketing & Professor: Dr. Alan Fyall

Dean, Rosen College of Hospitality Management: Dr. Youcheng Wang

Is this program available 100% online?

Yes

UCF Online

Online Restaurant & Foodservice Management, BS

Admission Requirements

None

Program Description

Restaurant & Food Service Management (BS) may be completed fully online, although not all elective options or program prerequisites may be offered online. Newly admitted students choosing to complete this program exclusively via UCF online classes may enroll with a reduction in campus-based fees. Click here for more information about the online program.

General Education (GEP)

36 Total Credits

- Complete all of the following
 - Communication
 - Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Earn at least 3 credits from the following course sets:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Historical & Cultural
 - Complete all of the following
 - Earn at least 3 credits from the following course sets:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)

- WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
- Earn at least 3 credits from the following course sets:
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Earn at least 3 credits from the following course sets:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)

Mathematical

- Complete all of the following
 - Complete the following:
 - MAC1105C - College Algebra (3)
 - Complete at least 1 of the following:
 - CGS2100C - Computer Fundamentals for Business (3)
 - STA2023 - Statistical Methods I (3)

Social

- Complete all of the following
 - Earn at least 3 credits from the following course sets:
 - GEP 9- Social Foundation
 - ANT2000 - General Anthropology (3)
 - HSA2117 - Civic Engagement in the US Healthcare System (3)

- PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
- Earn at least 3 credits from the following course sets:
 - GEP 10- Social Foundation
 - AMH2020 - U.S. History: 1877-Present (3)
 - ECO2013 - Principles of Macroeconomics (3)
 - ECO2023 - Principles of Microeconomics (3)
 - POS2041 - American National Government (3)
- Science
 - Complete all of the following
 - Earn at least 3 credits from the following course sets:
 - GEP 11- Science Foundation
 - AST2002 - Astronomy (3)
 - CHM1020 - Concepts in Chemistry (3)
 - CHM1032 - General Chemistry (3)
 - CHM2045C - Chemistry Fundamentals I (4)
 - CHS1440 - Principles of Chemistry (4)
 - PHY1038 - Physics of Energy, Climate Change and Environment (3)
 - PHY2020 - Concepts of Physics (3)
 - PHY2048 - General Physics Using Calculus I (3)
 - PHY2053 - College Physics I (3)
 - PSC1121 - Physical Science (3)
 - Earn at least 3 credits from the following course sets:
 - GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36**

Common Program Prerequisites (CPP) (If applicable)

7 Total Credits

- Complete the following:
 - HFT1000 - Introduction to the Hospitality and Tourism Industry (3)
 - FSS2221C - Techniques of Food Preparation (4)

Grand Total Credits: **7**

Degree Requirements

Hospitality Core

30 Total Credits

- Complete the following:
 - HFT2401 - Hospitality Industry Financial Accounting (3)
 - HFT2500 - Hospitality and Tourism Marketing (3)
 - HFT2220 - Hospitality Human Resources Management (3)
 - HFT3444 - Hospitality Information Systems (3)
 - HFT3603 - Legal Environment in the Hospitality and Tourism Industry (3)
 - HFT3431 - Hospitality Industry Managerial Accounting (3)
 - HFT3540 - Guest Services Management I (3)
 - HFT4464 - Hospitality Industry Finance (3)
 - HFT4286 - Hospitality Communications (3)
 - HFT4295 - Leadership and Strategic Management in Hospitality Industry (3)

Restaurant Management Core
18 Total Credits

- Complete the following:
 - FSS3124 - Food Supply Chain Management (3)
 - HFT2254 - Lodging Operations (3)
 - HFT3263 - Restaurant Management (3)
 - HFT3813 - Marketing Analysis in the Food Ind (3)
 - HFT4457 - Optimizing Profits in Food Ops (3)
 - HFT4861 - Beverage Management (3)

Restricted Electives
15 Total Credits

- Complete all of the following
 - Students can select either HFT 4065C Fine Spirits Management or HFT 4069 The World of Distilled Spirits
 - Students can select either HFT 4067 Wines of the World or HFT4866C Exploring Wines of the World
 - HFT 4865C Advanced Wine Management can only be taken after completion of either HFT 4067 or HFT 4866C
 - Complete at least 5 of the following:
 - FSS3008 - Culture and Cuisine (3)
 - HFT3068 - History and Culture of Beer (3)
 - HFT3654 - Hospitality Franchising (3)
 - HFT3811 - Beverage Sales, Marketing, and Distribution (3)
 - HFT3868C - History and Culture of Wine (3)
 - HFT4065C - Fine Spirits Management (3)
 - HFT4067 - Wines of the World (3)
 - HFT4069 - The World of Distilled Spirits (3)
 - HFT4244 - Hospitality Managerial Decision-Making (3)
 - HFT4266 - Hospitality Brand Management (3)
 - FSS4286C - Catering Management (3)
 - HFT4292 - Hospitality Innovation & Entrepreneurship (3)
 - HFT4343 - Hospitality Facilities Management (3)
 - HFT4473 - Hospitality and Tourism Development (3)
 - HFT4864C - Seminar in Quality Brewing and Fine Beer (3)
 - HFT4865C - Advanced Wine Management (3)
 - HFT4866C - Exploring Wines of the World (3)
 - HFT4894 - International Gastronomy (3)
 - HUN3013 - Nutrition Concepts and Issues in the Food Service Industry (3)
 - HFT3014 - Wellness Management in Hospitality and Tourism (3)

Internship
3 Total Credits

- Complete all of the following
 - Earn at least 1 credits from the following:
 - HFT3940 - Internship I (1 - 99)
 - Earn at least 1 credits from the following:
 - HFT4941 - Internship II (1 - 99)
 - Earn at least 1 credits from the following:
 - HFT4944 - Internship III (1 - 99)

Grand Total Credits: **66**

Program Details

Electives

- 3-11 hours as necessary to result in 120 total credit hours.

Foreign Language Requirements

Admissions

- State University System foreign language admission requirement: two years in high school or one year in college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation

- None

Additional Requirements

- Final exams will be given during Exam Week only.
- Transfer students to this program must take a minimum of thirty (30) credit hours in Hospitality Management classes at UCF.

Required Minors

- None

Departmental Exit Requirements

- Students must earn a minimum 2.0 overall GPA in course work taken within the Rosen College of Hospitality Management, and a minimum 2.0 GPA in all courses listed in the common program prerequisites, the basic and advanced core courses, and the restricted electives.

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 42 semester hours of upper division credit completed
- 60 semester hours earned after CLEP awarded
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- Students must earn a "C" (2.0) or better in each course listed in the common program prerequisites, the basic and advised cores, and the restricted electives.

Transfer Notes

- Subject to the general grade and residence requirements, credit will be granted for transferred course work equivalent to that required in UCF's Rosen College of Hospitality Management.
- Florida College System institution students are encouraged to complete general education requirements, prior to transferring to UCF.
- A minimum of 30 semester hours must be completed at UCF within the Rosen College of Hospitality Management.
- Orientation and advising are two of the most valuable tools that a student can make use of when transferring to UCF. Students should take advantage of both.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$37.50 per term
- Full-Time Student: \$75 per term

Senior Living Management (B.S.)

College

Rosen College of Hospitality Management

Department

Department of Hospitality Services

Program Type

Major

Program Contact Information

Rosen College of Hospitality Management
Department of Hospitality Services
407-903-8000
rchminfo@ucf.edu

Is this program available 100% online?

Yes

UCF Online

Online Senior Living Management, BS

Admission Requirements

None

Program Description

The Bachelor of Science degree in Senior Living Management is an interdisciplinary program that merges hospitality, gerontology and healthcare services. It will provide undergraduate students with the appropriate competitive skillset to acquire a managerial position in various types of senior living facilities, especially independent living, assisted living and continuous care retirement communities. It will provide a career path for students seeking employment in the senior living industry as business practitioners as opposed to that of direct care giver. The aim of this educational program is for UCF graduates to become the future managers and leaders of the senior living industry.

Senior Living Management (BS) may be completed fully online, although not all elective options or program prerequisites may be offered online. Newly admitted students choosing to complete this program exclusively via UCF online classes may enroll with a reduction in campus-based fees. Click [here](#) for more information about the online program.

General Education (GEP)

36 Total Credits

- Complete all of the following
 - Communication
 - Complete all of the following
 - Complete all courses from the following:
GEP 1 & 2- Communication Foundation
 - ENC1101 - Composition I (3)
 - ENC1102 - Composition II (3)
 - Earn at least 3 credits from the following course sets:
GEP 3- Communication Foundation
 - COM1000 - Introduction to Communication (3)
 - SPC1603C - Fundamentals of Technical Presentations (3)
 - SPC1608 - Fundamentals of Oral Communication (3)
 - Historical & Cultural
 - Complete all of the following
 - Earn at least 3 credits from the following course sets:
GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - Earn at least 3 credits from the following course sets:
GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)

- FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
- Earn at least 3 credits from the following course sets:
 - GEP 4- Historical & Cultural Foundation
 - AMH2010 - U.S. History: 1492-1877 (3)
 - EUH2000 - Western Civilization I (3)
 - EUH2001 - Western Civilization II (3)
 - HUM2020 - Encountering the Humanities (3)
 - HUM2210 - Studies in Culture: Ancient to 17th Century (3)
 - HUM2230 - Studies in Culture: 17th Century to Present (3)
 - WOH2012 - World Civilization I (3)
 - WOH2022 - World Civilization II (3)
 - GEP 5- Historical & Cultural Foundation
 - ANT2410 - Cultural Anthropology: Global Perspectives, Local Contexts (3)
 - ARH2050 - History of Western Art I (3)
 - ARH2051 - History of Western Art II (3)
 - FIL1000 - Cinema Survey (3)
 - FIL2030 - History of Motion Pictures (3)
 - FIL3036 - Film History I (3)
 - FIL3037 - Film History II (3)
 - LIT2110 - World Literature I (3)
 - LIT2120 - World Literature II (3)
 - MUH2017 - Survey of Rock Music (3)
 - MUH2019 - American Popular Music, 1840s-present (3)
 - MUL2016 - Evolution of Jazz (3)
 - MUL2720 - Music of the World (3)
 - PHI2010 - Introduction to Philosophy (3)
 - REL2300 - World Religions (3)
 - THE2000 - Theatre Survey (3)
 - MUL2010 - Enjoyment of Music (3)
 - GEP 6- Historical & Cultural - choose a course from GEP 4 or GEP 5.
- Mathematical
 - Complete all of the following
 - GEP 7 & 8- Mathematical Foundation
 - Complete the following:
 - MAC1105C - College Algebra (3)
 - Complete at least 1 of the following:
 - CGS2100C - Computer Fundamentals for Business (3)
 - STA2023 - Statistical Methods I (3)
- Social
 - Complete all of the following
 - GEP 9 & 10- Social Foundation
 - Complete the following:
 - ECO2023 - Principles of Microeconomics (3)
 - Complete at least 1 of the following:
 - PSY2012 - General Psychology (3)
 - SYG2000 - Introduction to Sociology (3)
 - ANT2000 - General Anthropology (3)
- Science
 - Complete all of the following
 - Earn at least 3 credits from the following course sets:
 - GEP 11- Science Foundation

- AST2002 - Astronomy (3)
- CHM1020 - Concepts in Chemistry (3)
- CHM1032 - General Chemistry (3)
- CHM2045C - Chemistry Fundamentals I (4)
- CHS1440 - Principles of Chemistry (4)
- PHY1038 - Physics of Energy, Climate Change and Environment (3)
- PHY2020 - Concepts of Physics (3)
- PHY2048 - General Physics Using Calculus I (3)
- PHY2053 - College Physics I (3)
- PSC1121 - Physical Science (3)
- Earn at least 3 credits from the following course sets:
 GEP 12- Science Foundation
 - ANT2511 - The Human Species (3)
 - BSC1005 - Biological Principles (3)
 - BSC2010C - Biology I (4)
 - EVR1001 - Introduction to Environmental Science (3)
 - GEO1200 - Physical Geography (3)
 - GEO2370 - Resources Geography (3)
 - GLY1030 - Geology and its Applications (3)
 - GLY2038 - Environmental Geoscience (3)
 - MCB1310 - Introduction to Biotechnology and Genetic Engineering (3)
 - MET2104 - The Earth's Climate (3)

Grand Total Credits: **36**

Degree Requirements

Hospitality Core
42 Total Credits

- Complete all of the following
 - Complete the following:
 - HFT3005 - Introduction to Hospitality and Senior Living Industries (3)
 - HFT3540 - Guest Services Management I (3)
 - HFT2401 - Hospitality Industry Financial Accounting (3)
 - HFT3431 - Hospitality Industry Managerial Accounting (3)
 - HFT2500 - Hospitality and Tourism Marketing (3)
 - HFT2220 - Hospitality Human Resources Management (3)
 - HFT3224 - Hospitality Management & Leadership Fundamentals (3)
 - HFT4286 - Hospitality Communications (3)
 - Complete the following:
 - HSC4564 - Health Care Needs of the Elderly (3)
 - HSA4191 - Fundamentals of Health Information Technology (3)
 - HSA3170 - Health Care Finance (3)
 - HSC4652 - Health Law and Ethics (3)
 - HSA3430 - Health Care Economics (3)
 - GEY3001 - Gerontology: An Interdisciplinary Overview (3)

Senior Living Core
16 Total Credits

- Complete the following:
 - HFT2254 - Lodging Operations (3)
 - HFT3357 - Sport and Club Event Operations (3)
 - FSS3232C - Foodservice Operations Management (3)
 - HUN3013 - Nutrition Concepts and Issues in the Food Service Industry (3)
 - FSS2221C - Techniques of Food Preparation (4)

Internship
3 Total Credits

- Complete all of the following
 - Earn at least 1 credits from the following:
 - HFT3940 - Internship I (1 - 99)

- Earn at least 1 credits from the following:
 - HFT4941 - Internship II (1 - 99)
- Earn at least 1 credits from the following:
 - HFT4944 - Internship III (1 - 99)

Restricted Electives 6 Total Credits

- Complete at least 2 of the following:
 - HSA4180 - Organization & Management for Health Agencies I (3)
 - HIM4508C - Quality Management (3)
 - PLA4530 - Legal Issues of the Elderly (3)
 - SOW4645 - Social Services for the Elderly (3)
 - DEP3464 - Psychology of Aging (3)
 - HSA4003 - The Patient Experience from an Administrator's Perspective (3)
 - FSS4135 - Corporate Contract and Managed Services Organizations (3)
 - HFT4253 - Advanced Lodging Operations (3)
 - HFT4274 - Resort Management (3)
 - HFT4343 - Hospitality Facilities Management (3)
 - HSC3537 - Medical Terminology (3)

Capstone 3 Total Credits

- Complete the following:
 - HFT4272 - Leadership and Strategic Management in Hospitality and Senior Living Industry (3)

Grand Total Credits: **70**

Program Details

Electives

- 3-14 hours as necessary to result in 120 total credit hours.

Foreign Language Requirements

Admissions

- State University System foreign language admission requirement: two years in high school or one year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Graduation

- None

Additional Requirements

- Final exams will be given during Exam Week only.
- Transfer students to this program must take a minimum of thirty (30) credit hours in Hospitality Management core classes or restricted electives at UCF.

Required Minors

- None

Departmental Exit Requirements

- None

University Minimum Exit Requirements

- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 42 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Credit Hours Required: 120

Additional Information

Honors In Major

- None

Related Programs

- None

Certificates

- None

Related Minors

- None

Advising Notes

- Students must earn a "C" (2.0) or better in each course listed in the common program prerequisites, the basic and advanced cores, and the restricted electives.

Transfer Notes

- Subject to the general grade and residence requirements, credit will be granted for transferred course work equivalent to that required in the UCF College of Hospitality Management.
- Florida College System students are encouraged to complete the general education requirements prior to transferring to UCF.
- A minimum of 30 semester hours must be completed at UCF within the hospitality major.
- Orientation and advising are two of the most valuable tools that a student can make use of when

transferring to UCF. Students should take advantage of both.

Acceptable Substitutes for Transfer Courses

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at: http://www.oemas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$37.50 per term
- Full-Time Student: \$75 per term

Theme Park and Attraction Management Certificate

College

Rosen College of Hospitality Management

Department

Department of Tourism, Events, and Attractions

Program Type

Certificate

Program Contact Information

Rosen College of Hospitality Management

Tourism, Events, and Attractions Department
407-903-8000

hospitality@ucf.edu

Admission Requirements

None

Program Description

Rosen College has capitalized on its location, Orlando, the home to eight major theme parks and four themed water parks, and developed the world's only program dedicated to theme park and attraction management. The certificate program in Theme Park and Attraction is a specialized track of study for those interested in careers in the theme park and attraction industry. Students across UCF can take advantage of this certificate in order to gain a competitive edge to excel in careers in this expanding industry.

This 15-credit option can be added to a current non-hospitality management degree. No internships are required, but it is suggested that students gain work experience in the industry in addition to the certificate. This option is especially beneficial for those students who pursue non-management aspects of themed entertainment, design, or engineering.

Certificate Admission Requirements

- None

Certificate Requirements

- No course grade lower than a C will be accepted for the certificate requirements.
- The average GPA for the five courses must be 3.00 and higher.
- At least 12 credit hours used toward the certificate must be earned at UCF.

Degree Requirements

15 Total Credits

- Complete all of the following
 - Complete the following:
 - HFT1000 - Introduction to the Hospitality and Tourism Industry (3)
 - HFT4755 - Theme Park and Attraction Management (3)
 - Complete at least 3 of the following:
 - HFT4751 - Managing the Employee Experience in the Theme Park and Attraction Industry (3)
 - HFT4752 - Managing the Guest Experience in the Theme Park and Attraction Industry (3)
 - HFT4758 - Operational Issues in the Theme Park and Attraction Industry (3)
 - HFT4759 - Product Development in Theme Parks and Attractions (3)

Grand Total Credits: **15**

Program Details

Eligibility

- The **Undergraduate Certificate in Theme Park and Attraction Management** is available to any UCF student pursuing any degree at UCF, **except for the Bachelor of Science in Hospitality Management**.

Foreign Language Requirements

- None

Other Requirements

- No credit by exam (TSD, Military credit) may be used.
- Internship or Independent Study credit may not be used toward the program.

Policies

Academic Regulations and Procedures

Academic Amnesty Program

Effective Fall 2004, the Academic Amnesty Program provides undergraduate students who are not eligible for readmission for academic reasons the opportunity to readmit to UCF after five or more years of separation. This program allows the student to nullify up to two consecutive terms worth of UCF coursework from his or her UCF grade point average. Students may not select specific courses within the two identified terms. If the student satisfactorily completes the Academic Amnesty Program, the University will remove from the student's UCF GPA all UCF coursework for which the student enrolled during the selected consecutive terms. While grades nullified by satisfactory completion of the Academic Amnesty Program are not used in calculating the student's UCF GPA, all course work will remain part of the student's permanent record.

To apply for entrance into the Academic Amnesty Program, the student must:

1. Gain the written support for the Academic Amnesty Program from the student's college or school and present to the Admissions and Standards Committee an academic plan of action approved by the college advising office. This plan will include the following:
 1. The specific terms of the student's academic history to be nullified by satisfactory completion of the Academic Amnesty Program;
 2. Approved courses in which the student will enroll during the two terms that comprise the Academic Amnesty Program;
 3. Any additional requirements mandated by the college advising office (i.e., academic advising or mentoring, required tutoring or academic support services, etc.); and,
 4. Complete and submit an Academic Amnesty Agreement to the Admission and Standards Committee.
2. The UCF Admissions and Standards Committee will determine a student's eligibility for entrance into the Academic Amnesty Program.

Academic Honors

President's Honor Roll Certificate (Full-Time Award)

The President's Honor Roll Certificate (Full-Time Award) is awarded in recognition of scholastic honors to degree-seeking undergraduate students who maintain a 4.0 GPA, complete 12 or more hours, excluding satisfactory/unsatisfactory course work, and did not earn any "I," "U," "N," "NC," or "WF" grades during a given term.

President's Honor Roll Certificate (Part-Time Award)

The President's Honor Roll Certificate (Part-Time Award) is awarded in recognition of scholastic honors to degree-seeking undergraduate students who maintain a 4.0 GPA in two consecutive part-time terms. The student must complete at least 15 hours, with no more than 11 in each consecutive term, excluding satisfactory/unsatisfactory course work, and not earn any "I," "U," "N," "NC," or "WF" grades during a term. Hours utilized in the awarding of a President's Honor Roll Certificate may not be utilized in the determination of a subsequent certificate.

Dean's List

The Dean's List is compiled in recognition of scholastic honors to degree-seeking undergraduate students who earn a minimum 3.4 GPA, complete a minimum of 12 credit hours, earn no grade less than "C" (2.0) and no "I," "U," "N," "NC," or "WF" grades during a term.

Baccalaureate Honors and Diplomas

The University shall confer baccalaureate honors recognition on those students who have completed a minimum of 48 credit hours at UCF and who:

1. Attain an overall grade point average (this includes transfer credit) that is in the upper 10 percent of the

- range established by all students graduating in the same college/school during the previous two years;
2. Attain at least a 3.20 overall grade point average; and,
 3. Honors awarded will be:

Summa Cum Laude for those students in the upper 2.5 percent

Magna Cum Laude for those students in the upper five percent, but not in the upper 2.5 percent

Cum Laude for those students in the upper 10 percent, but not in the upper five percent

Records for the term of graduation are incomplete at the time the *Commencement Program* is printed. Identification of these students at graduation, therefore, is presumptive of honors and not conclusive, since final term grades may result in changes in relative rankings.

Consult the Academic Honors list at commencement.ucf.edu/file/104/graduating-honors-cut-off.pdf for the most up-to-date UCF Honors minimum GPA requirements.

Diplomas are mailed six to ten weeks after Commencement to the address indicated in the online "Intent to Graduate."

Honors in the Major

Please see "Honors in the Major" in The Burnett Honors College portion of the Undergraduate Catalog.

Academic Standing

All academic actions are shown on myUCF at my.ucf.edu and on the transcript. The action is generated due to course completion. Changing a course grade does not necessarily change academic action. An exception may be made when an error is committed and is so stated by the instructor on the "Change of Grade Request Form."

Good Standing

Good standing indicates only that the student is meeting the minimum academic standard for retention by the University (minimum term GPA, 2.0). To meet graduation requirements, however, the student must have a minimum UCF GPA of 2.0.

Academic Probation

Action taken when a student's UCF cumulative GPA drops below 2.0. Academic Probation will continue until the current term and UCF cumulative GPA reach 2.0 or better.

First-time-in-college students may be admitted on Academic Probation at the discretion of the Undergraduate Admissions Office or the Admissions and Standards Committee. Transfer students may be admitted on Academic Probation at the discretion of the Undergraduate Admissions Office or the Admissions and Standards Committee. Academic Probation is intended to inform students making unsatisfactory progress of their need to alter study habits and seek additional counseling. Early recognition will indicate to the student the possible jeopardy to academic goals and will also allow an opportunity to demonstrate acceptable performance.

Disqualified (First Suspension)

A student on Academic Probation is Disqualified upon failure to achieve a minimum 2.0 GPA during the subsequent term. A student who is Disqualified **may not** enroll at the University for two semesters following disqualification. Readmission after two semesters **is not** automatic. Disqualified students are required to have completed the Florida AA degree, or have completed UCF's general education program and Gordon Rule requirements, before petitioning for readmission. A Disqualified student must submit an application for Readmission supported by a letter documenting the reasons for previous academic difficulties, clear evidence of satisfactory academic performance since leaving the university, and plans for achieving a GPA of 2.0 or better. A disqualified student is limited to petition for readmission once per year (365 days). The total record will be reviewed and action on readmission will be taken by the University Registrar. **Any Disqualified student whose UCF grade point deficiency is equal to or greater than 30 grade points is not eligible for readmission.** For readmission purposes only, "grade point deficiency" is defined as the number of UCF credit hours earned with a "B" (3.0 GPA) grade that a student requires to raise his or her UCF grade point average to 2.0.

Exclusion (Second Suspension or more)

A student readmitted following Disqualification who fails to achieve a minimum 2.0 Term GPA is excluded from the University. Exclusion is most serious and **students are not eligible for readmission after Exclusion**. An individual who has been Excluded will not be considered for readmission, and may not appeal any failure to be readmitted following Exclusion.

Accelerated Educational Opportunities

The University of Central Florida provides a number of options by which students may shorten the time required to complete the baccalaureate degree. These options permit the University to recognize high levels of academic achievement and acquisition of knowledge prior to or during attendance at the University. Procedures that may be used include the Advanced Placement Program (AP), the College Level Examination Program (CLEP), University Course Credit by Examination, DANTES, and the International Baccalaureate. A maximum of 45 credit hours in any combination of extension, AP, IB, correspondence, CLEP, Armed Forces Service School Credits, and University Credit by Examination will be accepted by the University for application toward an undergraduate degree. In addition, there are accelerated Undergraduate - Graduate Programs linking the bachelor's and Master's degree listed in the Undergraduate Catalog.

UCF Test Credit equivalencies are determined by department faculty based on State of Florida equivalency guidelines.

Test credit equivalencies are determined based on when the exam was taken, and they are applied to degree requirements according to the student's catalog year.

Advanced Placement Program (AP) Table

| Exam | Score of 3 | GEP Usage | Score of 4 | Score of 5 | |
|---------------------------------------|--------------------|-------------------|-----------------------|------------------------------------|---|
| Art History | ARH 1000 | CUL & HIS Found 2 | ARH 1000 and ARH 2050 | Same as 4 | C |
| Biology | BSC 1005/BSC 1005L | SCI Found 2 | BSC 2010C | BSC 2010C and BSC 2011C | S |
| Calculus AB | MAC 2311 | MAT Found 1 | Same as 3 | Same as 3 | M |
| Calculus BC* | MAC 2311 | MAT Found 1 | MAC 2311 and MAC 2312 | Same as 4 | M |
| Capstone Research | IDS 1911 | | Same as 3 | Same as 3 | |
| Capstone Seminar | IDS 1350 | | Same as 3 | Same as 3 | |
| Chemistry | CHM 1020 & 1020L | SCI Found 1 | CHM 2045C | CHM 2045C and CHM 2046 & CHM 2046L | S |
| Chinese Language & Culture | CHI 2200 | | CHI 2200 and CHI 2201 | Same as 4 | |
| Computer Science A | CGS 1075 | MAT Found 2 | Same as 3 | Same as 3 | M |
| Computer Science AB | CGS 1076 | MAT Found 2 | Same as 3 | Same as 3 | M |
| Computer Science Principles | COP 2000 | | Same as 3 | | |
| Economics: Macro | ECO 2013 | SOC Found 2 | Same as 3 | Same as 3 | |
| Economics: Micro | ECO 2023 | SOC Found 2 | Same as 3 | Same as 3 | |

| | | | | | |
|---|---|-------------|-------------------------|-----------|---|
| English Language and Composition | ENC 1101 | COM Found 1 | ENC 1101 and ENC 1102 | Same as 4 | C |
| English Literature and Composition | ENC 1101 | COM Found 1 | ENC 1101 and LIT 1005 | Same as 4 | C |
| Environmental Science | ISC 1051 | SCI Found 2 | Same as 3 | Same as 3 | S |
| European History | EUH 1009 | | EUH 2000 and EUH 2001 | Same as 4 | C |
| French Language & Culture | FRE 2200 | | FRE 2200 and FRE 2201 | Same as 4 | |
| French Literature | FRW 3100 | | FRW 3100 and FRW 3101 | Same as 4 | |
| German Language & Culture | GER 2200 | | GER 2200 and GER 2201 | Same as 4 | |
| Government and Politics: Comparative | CPO 1002 | | Same as 3 | Same as 3 | |
| Government and Politics: United States | POS 2041 | SOC Found 2 | Same as 3 | Same as 3 | S |
| Human Geography | GEO 2400 | | Same as 3 | Same as 3 | |
| Italian Language & Culture | ITA 2200 | | ITA 2200 and ITA 2201 | Same as 4 | |
| Japanese Language & Culture | JPN 2200 | | JPN 2200 and JPN 2201 | Same as 4 | |
| Latin: Literature | LNW 3700 | | Same as 3 | Same as 3 | |
| Latin: Vergil | LNW 2321 | | Same as 3 | Same as 3 | |
| Latin | LNW 2321 | | Same as 3 | Same as 3 | |
| Music Theory | MUT 1001 if composite score is 3 or higher | | Same as 3 | Same as 3 | |
| | MUT 1111 and MUT 1241 if both aural and non-aural subscores are 3 or higher | | | | |
| Physics 1 | PHY 2053C | SCI Found 1 | Same as 3 | Same as 3 | S |
| Physics 2 | PHY 2054C | SCI Found 1 | Same as 3 | Same as 3 | S |
| Physics B | PHY 2053C | SCI Found 1 | PHY 2053C and PHY 2054C | Same as 4 | S |
| Physics C: Electricity/Magnetism | PHY 2054C | SCI Found 1 | PHY 2049C | Same as 4 | S |
| Physics C: Mechanics | PHY 2053C | SCI Found 1 | PHY 2048C | Same as 4 | S |
| Psychology | PSY 2012 | SOC Found 1 | Same as 3 | Same as 3 | S |
| Spanish Language & Culture | SPN 2200 | | SPN 2200 and SPN 2201 | Same as 4 | |
| Spanish Literature | SPW 3100 | | SPW 3100 and 3201 | Same as 4 | |
| Statistics | STA 2023 | MAT Found 2 | Same as 3 | Same as 3 | M |
| Studio Art: Drawing Portfolio | ART 2300C | | Same as 3 | Same as 3 | |
| Studio Art: 2-D Design Portfolio | ART 2201C | | Same as 3 | Same as 3 | |

| | | | | | |
|--|-----------|-------------------|-----------------------|-----------|----|
| Studio Art: 3-D Design Portfolio | ART 2203C | | Same as 3 | Same as 3 | |
| United States History | AMH 2000 | | AMH 2010 and AMH 2020 | Same as 4 | (C |
| World History: Modern | WOH 2022 | CUL & HIS Found 1 | Same as 3 | Same as 3 | (C |
| * - The AB subscore on the Calculus BC exam is regarded the same as a Calculus AB score. | | | | | |

Students who have participated in the Advanced Placement Program in high school and have received a score of 3, 4, or 5 on the national examinations will receive college credit in the appropriate subject areas. Students should consult their high school guidance counselor or write to the Educational Testing Service, Princeton, NJ 08540, for additional information. The table labeled "Advanced Placement Exams" provides information related to Advanced Placement examination areas and subtest areas for which credit may be awarded.

Advanced Placement Language (all modern languages)

A score of 3 earns a minimum of one semester (min. 3 credits - XXX 2230 or 2200) of 2000-level language. A score of 4 or 5 earns a minimum of two semesters (min. 6 credits XXX 2230 and 2231 or XXX 2200 and 2201) of 2000-level language. No literature credit will be awarded for AP foreign language exams.

Advanced Placement Literature (all modern languages)

A score of 3 earns a minimum of one semester (min. 3 credits) of introductory literature. A score of 4 or higher earns a minimum of two semesters (min. 6 credits) of introductory literature.

Advanced Placement Latin

The AP Latin course focuses on one or two authors. Students either study Vergil, or follow a "Latin Literature" syllabus that includes Catullus and either Horace, Ovid, or Cicero. A minimum of one semester (min. 3 credits) should be awarded for a score of 3 or higher.

| | |
|----------------------------|----------------------------------|
| AP Latin: Vergil | LNW 2321 |
| AP Latin: Latin Literature | LNW 3700 (number unique to exam) |

International Baccalaureate Program Table

| Exam | Scores of 4 | GEP Usage | Score 5-7 | GEP Usage |
|--------------------------------|-----------------------------------|------------------|----------------------------------|------------------|
| Biology | BSC 1005/BSC 1005L | SCI Found 2 | BSC 1005/BSC 1005L and BSC 2010C | SCI Found 2 |
| Biology (SL) | BSC 1005 /BSC 1005L | SCI Found 2 | Same as 4 | |
| Biology (HL) | BSC 1005 /BSC 1005L and BSC 2010C | SCI Found 2 | Same as 4 | |
| Business and Management | GEB 2011 | | GEB 2011 and 2905 | |
| Chemistry | CHM 1020 and 1020L | SCI Found 1 | CHM 1020/1020L and CHM 2045C | SCI Found 1 |

| | | | | |
|--|----------------------|-------------------|------------------------|-----------------------|
| Computer Science | CGS 2100 | MAT Found 2 | CGS 2100 and 2000 | MAT Found 2 |
| Design Technology | ETI 1410 | | ETI 1410 and 1906 | |
| Economics | ECO 1000 | | ECO 2013 and ECO 2023 | SOC Found 2 |
| Ecosystems and Societies | EVR 1017 | | EVR 1017 and 1906 | |
| English A1 | ENC 1101 | COM Found 1 | ENC 1101 and ENC 1102 | COM Found 1 & 2 |
| English Language A: Language and Literature | ENC 1101 | COM Found 1 | ENC 1101 and ENC 1102 | COM Found 1 & 2 |
| English Language A: Literature | LIT 1000 | CUL & HIS Found 2 | ENC 1141 and LIT 1000 | COM Found 1 and CU |
| Environmental Systems | EVR 2001 | SCI Found 2 | EVR 2001 and 1906 | SCI Found 2 |
| Environmental Systems & Societies (SL) | EVR 2001 | SCI Found 2 | EVR 2001 | SCI Found 2 |
| Film Studies | FIL 1001 | CUL & HIS Found 2 | FIL 1001 and FIL 1002 | CUL & HIS Found 2 |
| French: Language B | FRE 1121C | | FRE 1121C and FRE 2200 | |
| Further Mathematics (Advanced Mathematics) | MHF 1202 | MAT Found 1 | MHF 1202 and MHF 1209 | MAT Found 1 |
| Further Mathematics | MHF 1202 | MAT Found 1 | MHF 1202 and MHF 2191 | MAT Found 1 |
| Geography | GEA 1000 | | GEO 1200 and 1400 | SCI Found 2 |
| German: Language B | GER 1121C | | GER 1121C and GER 2200 | |
| History SL | WOH 1030 | CUL & HIS Found 1 | WOH 1030 | CUL & HIS Found 1 |
| History (HL): History of Africa & Middle East | WOH 1030 | CUL & HIS Found 1 | WOH 1030 and WOH 1031 | CUL & HIS Found 1 |
| History (HL): History of the Americas | WOH 1030 | CUL & HIS Found 1 | WOH 1030 and AMH 2020 | CUL & HIS Found 1 and |
| History (HL): History of Asia & Oceania | WOH 1030 | CUL & HIS Found 1 | WOH 1030 and WOH 1031 | CUL & HIS Found 1 |
| History (HL): History of Europe | WOH 1030 | CUL & HIS Found 1 | WOH 1030 and WOH 1031 | CUL & HIS Found 1 |
| Information & Information Technology for a Global Society | IDS 1906 (3 credits) | | IDS 1906 (6 credits) | |
| Islamic History | ASH 1906 (3 credits) | | ASH 1906 (6 credits) | |
| Italian: Language B | ITA 1121C | | ITA 1121C and ITA 2200 | |

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|---|----------------------------|-------------------|-------------------------------|-------------------|
| Latin | LAT 2230 | | LAT 2230 and 1906 | |
| Literature & Performance (SL) | THE 1300 | CUL & HIS Found 2 | Same as 4 | |
| Marine Science | BSC 2311/2311L (3 credits) | | Same as 4 (min. of 6 credits) | |
| Math Analysis & Approaches (SL) | MGF 1106 | MAT Found 1 | MGF 1106 and MGF 1906 | MAT Found 1 |
| Math Analysis & Approaches (HL) | MAC 1105 | MAT Found 1 | MAC 1105 and MAC 1906 | MAT Found 1 |
| Math Applications & Interpretations (SL) | MAC 1105 | MAT Found 1 | MAC 1105 and MGF 1106 | MAT Found 1 |
| Math Applications & Interpretations (HL) | MAC 1140 | MAT Found 1 | MAC 2147 and MAC 1906 | MAT Found 1 |
| Math Methods | MAC 1105C | MAT Found 1 | MAC 1105C and MAC 1140C | MAT Found 1 |
| Mathematical Studies | MAT 1033C | | MAT 1033C and MGF 1106 | MAT Found 1 |
| Mathematical Studies SL | MAC 1105 | MAT Found 1 | Same as 4 | |
| Mathematics | MAC 1147 | MAT Found 1 | MAC 1147 and MAC 2233 | MAT Found 1 |
| Music | MUL 2010 | CUL & HIS Found 2 | MUL 2010 and HUM 1906 | CUL & HIS Found 2 |
| Philosophy | PHI 2010 | CUL & HIS Found 2 | PHI 2010 and 1906 | CUL & HIS Found 2 |
| Physics | PHY 2020 | SCI Found 1 | PHY 2053C and PHY 2054C | SCI Found 1 |
| Physics (SL) | PHY 2020 | SCI Found 1 | PHY 2020 and PHY 1906 | SCI Found 1 |
| Physics (HL) | PHY 2020 and PHY 2053C/L | SCI Found 1 | PHY 2053/L and PHY 2054/L | SCI Found 1 |
| Psychology | PSY 2012 | SOC Found 1 | PSY 2012 and 1906 | SOC Found 1 |
| Social Anthropology* | ANT 2410 | SOC Found 1 | ANT 2410 and 1906 | SOC Found 1 |
| Spanish: Language B | SPN 1121C | | SPN 1121C and 2230 | |
| Theatre Arts | THE 2000 | CUL & HIS Found 2 | | |
| Theatre Arts SL | THE 2000 | CUL & HIS Found 2 | Same as 4 | |
| Theatre Arts HL | THE 2000 | CUL & HIS Found 2 | THE 2000 and 1906 | CUL & HIS Found 2 |
| Visual Arts | ART 1012 | | ART 1012 and 1906 | |

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|---|----------|-------------------|-----------|--|
| World Religions (SL) | REL 2300 | CUL & HIS Found 2 | Same as 4 | |
| <i>*This use for General Education applies only to I.B. credit.</i> | | | | |

Students who have participated in the International Baccalaureate program in high school may receive a maximum of 30 hours of credit for scores of four or higher in the subsidiary and higher level program areas. The table labeled "International Baccalaureate" provides information related to the International Baccalaureate program credit.

International Baccalaureate (all modern languages)

International Baccalaureate offers examinations in many languages and literatures at different levels: B, A2, and A1. Most students in Florida take English as their A1 level language (literature for native or near-native speakers) and one or more foreign language B exams. Within each category, there are "standard" and "higher" level examinations. Institutions may wish to award additional credit for higher-level exams.

Language B--All languages except Latin (most common)

Students earn a minimum of one semester (3 credits) of language credit at the Elementary Language II or equivalent level (usually 1121C) level for a score of 4. Students who score 5-7 earn a minimum of two semesters (min. 6 credits) of Elementary Language II and Intermediate Language I or their equivalents (usually 1121C/2200) level. No literature credit will be awarded for International Baccalaureate Language B exams.

Language A2 (language and literature courses for highly proficient speakers; uncommon in Florida)

No direct equivalent. Content of Language A2 varies widely. Minimum 3 credits language or literature for score of 4, 6 credits of language or literature for a score of 5-7.

Language A1 (literature courses for native speakers; languages other than English)

No direct equivalent. Content of Language A1 varies widely. Minimum 3 credits in literature for score of 4, 6 credits for score of 5-7.

IB Latin

LNW 3700. This is a unique number assigned to this exam. The IB Latin course includes a reading component and a selection of two out of four authors on a list that changes periodically. Minimum 3 credits for score of 4, 6 credits for score of 5-7 (all exams for diploma holders, higher level exams only for others).

College Level Examination Program (CLEP) Table

| Exam | Scale Score of 50 for passing | GEP Usage | Comments |
|--------------------------------------|--------------------------------------|-------------------|-----------------|
| Accounting, Principles of | ACG 1001 | | |
| Algebra, College | MAC 1105C | MAT Found 1 | |
| Algebra-Trigonometry, College | MAC 2147 | MAT Found 1 | |
| American Government | POS 2041 | SOC Found 2 | |
| American Literature | AML 1000 | CUL & HIS Found 2 | |
| Biology, General | BSC 1005 | SCI Found 2 | No lab credit |
| Business Law, Introduction to | BUL 1241 | | |
| Calculus | MAC 2233 | MAT Found 1 | |
| Chemistry, General | CHM 1020 | SCI Found 1 | No lab credit |

| | | | |
|--|-----------------------|-------------------|---------------------------------------|
| College Composition | ENC 1101 and ENC 1102 | COM Found 1 and 2 | |
| College Composition Modular | ENC 1101 and ENC 1102 | COM Found 1 and 2 | |
| Education Psychology, Introduction to | EDP 1002 | | |
| English Composition with Essay | ENC 1101 | COM Found 1 | |
| English Literature | ENL 1000 | CUL & HIS Found 2 | |
| Financial Accounting | ACG 1001 | | |
| French Language | FRE 1120C | | Score of 59 or higher e and FRE 1121C |
| German Language | GER 1120C | | Score of 60 or higher e and GER 1121C |
| History of the United States I: Early Colonizations to 1877 | AMH 2010 | CUL & HIS Found 1 | |
| History of the United States II: 1865 to Present | AMH 2020 | SOC Found 2 | |
| Human Growth and Development | DEP 2004 | | |
| Humanities | HUM 2250 | | |
| Information Systems and Computer Applications | CGS 1077 | MAT Found 2 | |
| Macroeconomics, Principles of | ECO 2013 | SOC Found 1 | |
| Management, Principles of | MAN 2021 | | |
| Marketing, Principles of | MAR 2011 | | |
| Mathematics, College | MGF 1106 | MAT Found 1 | |
| Microeconomics, Principles of | ECO 2023 | SOC Found 2 | |
| Precalculus | MAC 1140C | MAT Found 1 | |
| Psychology, Introductory | PSY 2012 | SOC Found 1 | |
| Sociology, Introductory | SYG 2000 | SOC Found 1 | |
| Spanish Language | SPN 1120C | | Score of 63 or higher e and SPN 1121C |
| Spanish with Writing | SPN 1120C | | Score of 65 or higher e and SPN 1121C |
| Trigonometry | MAC 1114C | MAT Found 1 | |
| Western Civilization I: Ancient Near East to 1648 | EUH 2000 | CUL & HIS Found 1 | |
| Western Civilization II: 1648 to Present | EUH 2001 | CUL & HIS Found 1 | |

Credit is awarded for scaled scores of 50 or higher on computer-based CLEP exams taken after July 1, 2001. A percentile score of 50 or higher is required on CLEP examinations taken prior to July 1, 2001. CLEP credit may be earned by CLEP subject examinations. Successful completion of CLEP examinations means performance at or above the minimum qualifying score. CLEP credit cannot be used to reduce a grade point deficiency. For example, CLEP cannot be substituted for a grade awarded for a previously completed course. CLEP may not be used to fulfill the senior institution requirements.

Awarding of CLEP credit is subject to the conditions listed below.

- Credit may be awarded in the CLEP subject examination area, provided the student: a) is not within 60 credit hours of graduation; b) has not previously received comparable college course credit in the CLEP examination area; c) does not receive comparable college credit in the CLEP examination area in the same term the examination is taken or in a subsequent term; d) has not previously completed, failed, nor received credit by UCF (transfer or otherwise) in a more advanced course in the examination area; and e) does not complete nor receive credit by UCF (transfer or otherwise) in a more advanced course during the term in which the CLEP examination is taken.

The table labeled "College Level Examination Program" provides information related to the CLEP examination areas and subtest areas for which credit may be awarded. In addition, this table delineates the minimum qualifying score and the UCF course for which each examination can substitute.

CLEP Language Examinations

A score of 50 on any of the language exams earns a minimum of one semester (4 credits) of Elementary Language I or equivalent level (generally numbered 1120). A score at or above the second CLEP threshold level (currently 59 for French, 60 for German, or 63 for Spanish) earns a minimum of two semesters (8 credits) of Elementary Language I and II or equivalent level (generally numbered 1120C-1121C). No literature credit should be awarded for CLEP foreign language exams.

Credit by Examination

Regularly enrolled (excludes transient and non-degree) undergraduate students at the University of Central Florida may obtain credit for specific University courses through departmental examinations. A student who believes he or she has acquired the knowledge and/or skills of a specific University course should consult his or her advisor and the chair of the department in which the course is offered to arrange for an examination. Degree credit will be awarded for those courses successfully completed by departmental examination. Credit by examination may not be used to reduce the 30 credit hours residency requirement. Credit by examination will not be given for any course lower in content than courses in the same discipline in which students are currently enrolled or which they have already completed or failed. Permission to take an examination is approved by the chair of the department and the dean of the college in which the course is offered.

Cambridge AICE Exams Table

| Exam | Passing Score of "A", "B", "C", "D" or "E" | GEP Usage |
|---|---|------------------|
| Accounting (AS-Level) | ACG 1001 | |
| Accounting (A-Level) | ACG 1001 and ACG 1906 | |
| Applied ICT - Information, Communication Technology (AS-Level) | CGS 1060C | MAT Found 2 |
| Applied ICT - Information, Communication Technology (A-Level) | CGS 1060C and CGS 1906 | MAT Found 2 |
| Art and Design (AS-Level) | ART 1906 | |
| Art and Design (A-Level) | ART 1906 and ART 1907 | |
| Biology (AS-Level) | BSC 1005/BSC 1005L | SCI Found 2 |
| Biology (A-Level) | BSC 2010C and BSC 1906 | SCI Found 2 |
| Business Studies (AS-Level) | GEB 2011 | |

| | | |
|--|-------------------------|------------------------------------|
| Business Studies (A-Level) | GEB 2011 and 2905 | |
| Chemistry (AS-Level) | CHM 1020/1020L | SCI Found 1 |
| Chemistry (A-Level) | CHM 1020C and CHM 2045C | SCI Found 1 |
| Classical Studies (AS-Level) | CLA 1010 | |
| Computing (AS-Level) | CGS 1073 | MAT Found 2 |
| Computing (A-Level) | CGS 1073 and CGS 1074 | MAT Found 2 |
| Computer Science (AS-Level) | COP 2000 | |
| Computer Science (A-Level) | COP 2000 and COP 2220 | |
| Design & Technology (AS-Level) | ETI 1482C | |
| Design & Technology (A-Level) | ETI 1482C and ETI 1906 | |
| Economics (AS-Level) | ECO 1000 | |
| Economics (A-Level) | ECO 2013 and ECO 2023 | SOC Found 2 |
| English - English Language (AS-Level) | ENC 1101 | COM Found 1 |
| English - Language & Literature in English (AS-Level) | ENC 1101 | COM Found 1 |
| English - Literature in English (AS-Level)* | ENC 1101 or ENC 1102 | COM Found 1 or COM Found 2 |
| English - Literature in English (A-Level) | ENC 1101 and ENL 2012 | COM Found 1 and CUL & HIST Found 2 |
| English - Language (A-Level) | ENC 1101 and ENC 1102 | COM Found 1 and 2 |
| Environmental Management (AS-Level) | EVR 1001C | SCI Found 2 |
| French Language (AS-Level) | FRE 1121C | |
| French (A-Level) | FRE 1121C and FRE 2200 | |
| French Literature (AS-Level) | FRW 3100 | |
| Further Mathematics (A-Level) | MAC 2311C and MAC 2312 | MAT Found 1 |
| General Paper | IDS 1110 | |
| Geography (AS-Level) | GEA 1000 | |
| Geography (A-Level) | GEO 1200 and GEO 1400 | SCI Found 2 |
| German Language (AS-Level) | GER 1121C | |
| German (A-Level) | GER 1121C and GER 2200 | |
| Global Perspectives 1 (AS-Level) | ISS 1011 | |
| Global Perspectives Pre-U Independent Research II (A-Level) | ISS 1011 and ISS 1012 | |
| History - European History, c. 1789-1917 (AS-Level) | EUH 2031 | |
| History - European History, c. 1789-1941 | EUH 2031 and EUH 1906 | |

| | | |
|---|-------------------------|-----------------------------|
| History - The History of the USA, c. 1840-1968 | AMH 2042 | |
| History - Modern European History, 1789-1939 | EUH 2031 | |
| History - International History, 1945-1991 | WOH 2040 | |
| History - International Relations/History, c. 1871-1945 (AS-Level) | WOH 2040 | |
| History - International Relations/History, c. 1871-1991 (A-Level) | WOH 2040 and WOH 2043 | |
| History - U.S. History, c. 1840-1941 (AS-Level) | AMH 2029 | |
| History - U.S. History, c. 1840-1990 (A-Level) | AMH 2029 and AMH 2020 | SOC Found 2 (AMH 2020 only) |
| Latin (AS-Level) | LAT 1121C | |
| Marine Science (AS-Level) | OCE 1001 | |
| Marine Science (A-Level) | OCE 1001 and OCB 1000 | |
| Mathematics (AS-Level) | MAC 1147 | MAT Found 1 |
| Mathematics (A-Level) | MAC 2311C and MAC 1906 | MAT Found 1 |
| Media Studies (AS-Level) | DIG 1000C | |
| Media Studies (A-Level) | DIG 1000C and DIG 2030 | |
| Music (AS-Level) | MUH 1001 | |
| Music (A-Level) | MUH 1001 and 2011 | |
| Physics (AS-Level) | PHY 1020C | SCI Found 1 |
| Physics (A-Level) | PHY 2053C and PHY 2054C | SCI Found 1 |
| Psychology (AS-Level) | PSY 2012 | SOC Found 1 |
| Psychology (A-Level) | PSY 2012 and PSY 1906 | SOC Found 1 |
| Sociology (AS-Level) | SYG 2000 | SOC Found 1 |
| Sociology (A-Level) | SYG 2000 | SOC Found 1 |
| Spanish Language (AS-Level) | SPN 1121C | |
| Spanish (A-Level) | SPN 2230 and SPN 2231 | |
| Spanish Literature (AS-Level) | SPW 3100 | |
| Thinking Skills (AS-Level) | PHI 1103 | |
| Thinking Skills (A-Level) | PHI 1103 and 1906 | |
| Travel and Tourism (AS-Level) | HFT 1000 | |
| Travel and Tourism | HFT 1000 and 1906 | |
| <i>*If the student has previous credit for ENC 1101, credit will be awarded for ENC 1102.</i> | | |

curriculum and assessment program equivalent to the British system of "A-Levels." Information about the program, including course syllabi, can be found online at <http://www.cie.org.uk/qualifications/academic/uppersec/alevel/>.

DANTES Subject Standardized Tests (DSST) Credit Table

| Exam | Course Number | GEP Usage | Passing Score | Passing Score 2008 Revised Exams |
|--|----------------------|--------------------|----------------------|---|
| Art of the Western World | ARH 2000 | CUL & HIS Found 2 | 48 | 400 |
| Astronomy | AST 2002 | SCI Found 1 | 48 | 400 |
| Business Ethics and Society | GEB 2441 | | 400 | 400 |
| Business Law II | BUL 2242 | | 44 | |
| Business Math | QMB 1001 | | 48 | 400 |
| Computing and Information Technology | CGS 1060C | MAT Found 2 | 45 | 400 |
| Criminal Justice | CCJ 1000 | | 49 | 400 |
| Environment and Humanity | EVR 1017 | | 46 | 400 |
| Environmental Science (Formerly Environment & Humanity) | EVR 2002 | | 400 | |
| Ethics in America | PHI1630 | | 46 | 400 |
| Foundations of Education | EDF 1002 | | 46 | |
| Fundamentals of College Algebra | MAT 1033C | | 47 | 400 |
| Fundamentals of College Algebra (after 5/16/18) | MAC 1105 | MAT Found 1 | | 400 |
| Fundamentals of Counseling | PCO 1202 | | 45 | |
| Fundamentals of Cyber Security | CIS 1354 | | | 400 |
| General Anthropology | ANT 2000 | SOC Found 1 | 47 | 400 |
| Here's to Your Health | HSC 1100 | | 48 | 400 |
| History of the Vietnam War | AMH 2059 | | 44 | 400 |
| History of the Soviet Union | EUH 1066 | | 45 | 400 |
| Human Resources Management | MAN 1300 | | 46 | 400 |
| Human/Cultural Geography | GEO 1400 | | 48 | 400 |
| Intro to Computing | CGS 1060C | MAT Found 2 | 45 | 400 |
| Intro to the Modern Middle East | ASH 2044 | | 47 | |
| Intro to World Religions | REL 2300 | CUL & HIST Found 2 | 48 | 400 |
| Introduction to Business | GEB 2011 | | 46 | 400 |
| Introduction to Law Enforcement | CCJ 1100 | | 45 | 400 |
| Lifespan Developmental Psychology | DEP 2004 | | 46 | 400 |
| Management Information Systems | ISM 1000 | | 46 | 400 |
| Math for Liberal Arts | MGF 1106 | MAT Found 1 | | 400 |
| Money and Banking | BAN 1501 | | 48 | |

| | | | | |
|---|----------|-------------|----|-----|
| Organizational Behavior | INP 1002 | | 48 | 400 |
| Personal Finance | FIN 1100 | | 46 | 400 |
| Physical Geology | GLY 1000 | SCI Found 2 | 46 | |
| Principles of Finance | FIN 1000 | | 46 | 400 |
| Principles of Financial Accounting | ACG 1001 | | 47 | |
| Principles of Physical Science I | PSC 1121 | SCI Found 1 | 47 | 400 |
| Principle of Public Speaking | SPC 1600 | COM Found 3 | 47 | 400 |
| Principles of Statistics | STA 2014 | MAT Found 2 | 48 | 400 |
| Principles of Supervision | MNA 1345 | | 46 | 400 |
| Substance Abuse | HSC 2140 | | 49 | 400 |
| Technical Writing | ENC 2210 | | 46 | 400 |
| The Civil War and Reconstruction | AMH 1056 | | 47 | 400 |

The University will award credit to students presenting qualifying scores in DANTES examinations. The table labeled "DANTES Subject Standardized Tests (DSST)" provides information related to the Dantes Examination credit. For additional information: <http://www.getcollegecredit.com>.

UEXCEL/Excelsior College Examination Programs Table

| Exam | Course Number | GEP Usage | Passing Score |
|-------------------------|----------------------|------------------|----------------------|
| Calculus | MAC 2311C | MAT Found 1 | C |
| College Writing | ENC 1101 | COM Found 1 | C |
| Spanish Language | SPN 1120C | | C |

The table labeled "Excelsior College Examinations" provides information related to the Excelsior examination areas and subtest areas for which credit is awarded. More detailed information about Excelsior College Examinations, including detailed test descriptions, can be found online at <http://www.excelsior.edu>.

Address and Email Changes

The student's address is initially obtained from the "Application for Admission or Readmission." It is the students' responsibility to make appropriate changes to the address online at myUCF **as they occur**. Address and email changes also can be made by writing the Registrar's Office, P.O. Box 160114, Orlando, FL 32816-0114 or fax to 407-823-5652. Written requests must be signed and the student identification number provided.

Admissions and Standards Committee

The Admissions and Standards Committee is a reporting committee of the Faculty Senate. Its membership includes faculty and non-faculty representatives of the faculty Senate, several academic colleges, the Division of Student Development and Enrollment Services, and Student Government Association. The Admissions and Standards Committee meets regularly to consider appeals from: 1) persons denied admission; 2) students denied readmission; and 3) student appeals of University academic actions, policies or standards. All decisions rendered by the Admissions and Standards Committee are final. Decisions can only be appealed in the event new evidence or information has been determined by the Chair of the committee to be relevant and is subsequently approved for further committee review.

Right of Appeal

A student who has been denied readmission has thirty (30) days from the date of the denial to appeal to the Admission and Standards Committee. The appealing student must satisfy the following requirements before the Registrar's Office will forward the appeal to the Committee:

1. Complete the "Application for Readmission as an Exception to University Policy Form," available at the Registrar's Office (MH 161);
2. Prepare a written statement specifying the extenuating circumstances that led to their poor academic performance or academic dismissal.
 1. The written statement should be limited in length to one typed page; it must be signed and dated, and include the student's UCF Personal Identification number (PID).
 2. An "Application for Readmission as an Exception to University Policy" form not accompanied by the required written statement **will not** be forwarded to the Admissions and Standards Committee;
3. Provide documents which support and/or verify the extenuating circumstances (if applicable);
4. Supply official transcripts from all other schools attended during the suspension (if applicable);
5. Order **one** official copy of the UCF official transcript (**\$10 per copy**). The Registrar's Office will forward this transcript to the Admissions and Standards Committee;
6. Submit **one** stapled packet of appellant materials to the Registrar's Office (MH 161) by 12:00 p.m. (noon) Monday prior to the scheduled Admissions and Standards Committee meeting. The packet **must** contain the following documents, arranged in the following order:
 1. A completed "Application for Readmission as an Exception to University Policy Form";
 2. Written statement indicating the extenuating reasons for the previous academic difficulties and a plan for ensuring success in future terms;
 3. Any supporting documentation as directed by the college, school or other University personnel;
 4. Any additional supporting documentation (optional); and,

After a thorough evaluation of both the appeal and all required supporting documentation, the Admissions and Standards Committee will render a decision. The decision of the committee will be based upon university readmission policy and information presented in the appeal. Decisions are final, and there is no appeal beyond the committee. If a student feels there is new or missing evidence that was not available at the time of the original appeal, submitted to the Chair of the Admissions and Standards Committee for further consideration. Simply disagreeing with the committee's decision is not grounds for reconsideration.

Disqualified (with a Grade Point Deficiency of 30 or more Grade Points) and Excluded students are not eligible for readmission to the University and have no right to appeal for an exception to University policy to the Admissions and Standards Committee.

Athletic Eligibility and Retention Committee

The Athletic Eligibility and Retention Committee (AERC) has oversight of the athletic participation of students who engage in intercollegiate athletics. It relies on information gathered from the Office of Athletic Compliance, the Office of Academic Services for Student-Athletes, coaches and the individual student. Student-athletes who desire to continue their athletic participation while being on academic probation must have the written support of their coach, complete a written document stating their methods and dedication to improve their level of academic achievement and the approval of the AERC. The committee shall review each applicant's academic potential and current status and determine conditions for the individual's degree of continued participation in intercollegiate athletic activities.

Attendance, Absences, or Unsatisfactory Work

Under University policy, students are not authorized to attend class unless they are on the class roll or have been approved to audit and have paid audit fees. Students are responsible for satisfying the entire range of academic objectives as defined by the course instructor and ensuring that their class work and attendance are satisfactory. Students should understand that attendance policies and procedures vary among instructors and academic units, and they must observe any special attendance regulations stipulated by their college, school, department, program, or instructor. Reasons for acceptable absences may include illness, serious family emergencies, special curricular requirements (e.g., judging trips, field trips, professional conferences), military obligations, severe weather conditions, and religious holidays.

Students also should be excused for participation in official University-sponsored activities, such as music performances, athletic competition, or debate. Students chosen for such events including intercollegiate

athletics, band, choir, and academically related programs shall be listed on a "Program Verification" form. Program Directors shall provide each student with a copy of this form. It is the student's responsibility to present a copy of this form to the faculty member(s) responsible for the class from which the student will be absent. This verification is to be provided prior to the class period whenever possible and no later than the first class following the event. A copy of the form listing students selected to represent the University and signed by the Program Director shall be filed with the Office of Student Rights and Responsibilities (FC 155). If further verification is needed, contact the Office of Student Rights and Responsibilities (FC 142; 407-823-6960) or, for athletic events only, Academic Services for Student-Athletes, Wayne Densch Sports Center, 103A; 407-823-5896.

Absences from classes for court-imposed legal obligations (e.g., jury duty and subpoenas) must be excused. The student may offer other sound reasons. When absences threaten a student's satisfactory completion of a course, the instructor may report the absence to the appropriate Dean of the student's college/school and may choose to call upon the college/school office to request additional information and insight into the significance of or reason for the absences.

Earning Credit While Disqualified

A student disqualified while a freshman or sophomore who subsequently receive an A.A. degree with a minimum "C" average (2.0 GPA) on all college work attempted from a Florida College System institution has the right to appeal for readmission, in accordance with standard University policies. However, readmission is not guaranteed, and the student seeking readmission will be required to follow all academic regulations and procedures associated with readmission after suspension.

Enrollment and Degree Verification

Students may obtain their enrollment verification online through myUCF at my.ucf.edu. **Enrollment certification is free to currently enrolled students.** Parents, employers, background checking firms, and other third party agencies may request enrollment and degree verifications online at <http://www.degreeverify.org>. A fee will be assessed for all such requests. UCF has contracted with National Student Clearinghouse to provide current enrollment and degree verifications online 24 hours a day, seven days a week. National Student Clearinghouse Customer Service is available at 1-703-742-4200, Monday - Thursday, 9:00 a.m. - 7:00 p.m., & Friday, 9:00 a.m. - 5:00 p.m., ET.

Family Educational Rights and Privacy Act (FERPA)

The procedures for protecting the confidentiality of student records are based on state regulations and the federal **Family Educational Rights and Privacy Act of 1974**. FERPA affords students certain rights with respect to their education records. They are:

1. The right to inspect and review the student's education records within 45 days of the day the University receives a written request for access. Students should submit to the University Registrar, dean, head of the academic department, or other appropriate official, written requests that identify the record(s) they desire to inspect. The University official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the University official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed;
2. The right to request the amendment of the student's education records that the student believes are inaccurate or misleading. The student may ask the University to amend a record that he or she believes is inaccurate or misleading. The student should write the University official responsible for the record, clearly identify the part of the record to be changed, and specify why the current record is inaccurate or misleading. If the University decides not to amend the record as requested by the student, the University will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing;
3. The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent. One exception that permits disclosure without consent is disclosure to school officials with legitimate educational interests. A school official is a person employed by the University in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health

staff); a person or company with whom the University has contracted (such as an attorney, auditor, National Student Clearinghouse, or collection agent); designated employees or qualified employees of institutions engaged in joint instructional activities or programs with UCF; a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility; and

4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by a State University to comply with the requirements of FERPA. The name and address of the office that administers FERPA is:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Ave., SW
Washington DC, 20202-4605

Directory Information

FERPA authorizes the University to classify certain information concerning students as "directory information," which means that it may be released to anyone upon request. Directory information at UCF includes:

- name
- current mailing address
- telephone number
- date of birth
- major field of study
- dates of attendance
- enrollment status
- degrees and awards received
- participation in officially registered activities and sports
- athletes' height and weight

The University extends to students the opportunity to withhold even directory information from disclosure, by opting out of the University's directory information policy. Students can do this online at my.ucf.edu > Student Self Service > Student Center > Personal Information > FERPA/Directory Restriction or complete the Directory Disclosure/Release Authorization form available at the Registrar's Office (MH 161) or at registrar.ucf.edu, requesting that this information be withheld.

Other Disclosures:

FERPA also authorizes the University to forward educational records to other agencies or institutions that have requested the records AND in which the student seeks or intends to enroll or is already enrolled so long as the disclosure is for purposes related to the student's enrollment or transfer.

All other disclosures of education records and information will be made in accordance with FERPA. In most cases, but not all, this requires the student's prior written and signed consent. The Golden Rule outlines the University procedures for confidentiality. For additional information describing FERPA policy, enter the Department of Education Family Policy Compliance Office website at <http://www.ed.gov/offices/OM/fpcol/>.

Grade Change

A grade change is the change of any originally assigned grade to another grade, including grades of "I" and grades earned by administrative withdrawals. GPA is recalculated after the grade change. Grade changes other than medical withdrawals and approved Incomplete Grades will be considered only during the term immediately following the one in which the grade was assigned, except that grades assigned during the Spring semester may be changed during either the following Summer term or Fall semester. The dean of the college or school or the dean's designee must approve a change in grade. **A grade will not be changed after a degree has been conferred.** The Registrar will change a student's academic standing if necessitated by a change of grade, except in cases of academic suspension. If a student is suspended, the Admissions and Standards Committee may review the suspension and readmit the student if the Committee decides readmission is warranted.

Grade Forgiveness

Grade Forgiveness offers a student the opportunity to retake a course and earn a second grade that will be substituted for the previous grade. Students may apply for Grade Forgiveness online at my.ucf.edu > Student Self Service > Student Center. Requests must be submitted no later than the **last official day of class**, according to the Academic Calendar, for the term/session in which the student has registered for the course being repeated. Consult the web calendar at calendar.ucf.edu. The following policies apply:

1. Grade Forgiveness is limited to **two** courses;
2. Grade Forgiveness **may not** be used twice for the same course;
3. Grade Forgiveness will only be awarded if the original and repeated courses both are taken at UCF;
4. Grade Forgiveness can only be requested for a course in which the original grade was a "C-" or lower. Should a student need to repeat a course due to a degree program requirement that necessitates a grade higher than a "C," the student can request a Grade Forgiveness exception from the Registrar's Office. The exception must be approved by the student's academic advisor prior to submission to the Registrar's Office.
5. All grades will remain on the student's official transcript. The original course grade will be marked with a "T" to indicate that the course subsequently has been repeated, or a note describing the initial attempt, and the repeat course grade will be marked with an "R." The original grade **will** appear on the transcript but only the repeated course grade will be calculated into the GPA or meet degree requirements;
6. If it is determined that the student is ineligible for Grade Forgiveness, neither a refund of fees nor automatic withdrawal from the course will be made. In addition, if the student is ineligible, the two grades will be averaged for the calculation of the GPA;
7. If a student applies for Grade Forgiveness and later withdraws, receives an "I" grade, or receives an "NC" grade in the course, the attempt **will** count as one of the allotted Grade Forgiveness attempts. An approved medical withdrawal or late drop will not count against one of the allotted Grade Forgiveness attempts;
8. Grade Forgiveness granted as part of an Associate in Arts or a specific statewide articulated Associate in Science degree transferred from a Florida College System institution or State University **will** count against the allotted Grade Forgiveness attempts;
9. Due to the two-course limit, a student who has repeated two or more courses at a Florida College System institution or State University and included those courses in the transfer of an AA or a specific statewide articulated AS degree **will not** be granted any Grade Forgiveness at UCF;
10. Grade Forgiveness awarded within a bachelor's degree from a Florida State System institution is not honored at UCF. UCF's Grade Forgiveness policy may not be honored by other colleges, universities, professional schools, or national testing associations.
11. Grade Forgiveness awarded for repeated courses will not retroactively alter any previous academic action (i.e. academic probation or disqualification). In addition, no academic records can be altered after a student graduates;
12. Grade Forgiveness is not retroactive and, therefore, may not be used for a course repeated before Fall 1981. If a student who repeated a course at UCF before 1981 and did not use the previous forgiveness policy may repeat the course again. In this case, the lower of the previous two grades will be forgiven. This special circumstance is the only one in which a student will be allowed to repeat a course more than once; and,
13. With prior approval from the Dean's office in which the course is offered, a student can only substitute a course different from the original one if: 1) the substitute course reflects a change in prefix, number, hours, or title but not in substance; or 2) the substitute course replaces a course no longer offered by UCF. In this case, the student must submit the paper version of the Grade Forgiveness Form which can be obtained at the Registrar's Office (MH 161).

Repeated Enrollment in Same Course: Beginning Fall 1997, a student enrolled in the same undergraduate college credit course more than twice shall pay matriculation at 100% of the full cost of instruction (Non-Florida Resident rates).

Grade Reports

Grades are available from myUCF at my.ucf.edu.

Grade System

The University uses an alphabetic system to identify student grades and other actions regarding student

progress or class attendance. Beginning Fall 2001, a plus/minus grading system became effective, with a grade point equivalent per semester hour as follows:

| Grades | Grading Points Per Semester Hour of Credit |
|----------------|---|
| A | 4.00 |
| A- | 3.75 |
| B+ | 3.25 |
| B | 3.00 |
| B- | 2.75 |
| C+ | 2.25 |
| C | 2.00 |
| C- | 1.75 |
| D+ | 1.25 |
| D | 1.00 |
| D- | .75 |
| F | 0.00 |
| NC - No Credit | * |

*Available only in CHM 1032, CHM 2040, CHM 2041, CHM 2045C, CHS 1440, ENC 1101, ENC 1101H, ENC 1102, ENC 1102H, MAC 1105CH, MAC 1105H, MAC 1114C, MAC 1140C, MAC 1140H, MAC 2147, MAC 2233, MAC 2241, MAC 2253, MAC 2281, MAC 2281H, MAC 2311C, MAC 2311H, MAT 1033C, and STA 2014. In these classes NC replaces the use of D+, D and D-.

| Legend | Action | Grade Points |
|---------------|---|---------------------|
| G | Repeated Course (Grade Forgiveness, multiple attempts) | - |
| I | Incomplete | - |
| K | Repeated course (Latest Attempt) | - |
| N | No grade reported by instructor (followed by grade) | - |
| P | Repeated Course (Not Grade Forgiveness) | - |
| R | Repeated course (Grade Forgiveness) | - |
| S | Satisfactory (w/credit)/Satisfactory Progress (Research, Thesis, or Dissertation) | - |
| T | (followed by grade) Subsequently repeated (no credit) | - |
| U | Unsatisfactory (no credit) | - |
| W | Withdrawn | - |
| WL | Late Withdrawal | - |
| WH | Health Form Withdrawal | - |
| WM | Medical Withdrawal | - |
| X | Audit (no credit) | - |

The designation of "N" will be assigned temporarily by the Registrar's Office only in the case when a grade has

not been submitted by the instructors by the grade submission deadline. The designator will be replaced by the earned letter grade at the earliest opportunity in the term that immediately follows and prior to graduation. The "N" designator may not be assigned by the instructor.

In the event of academic dishonesty, instructors may assign a Z in front of a final course grade on a student's academic record. For further information regarding the addition, removal and appeals process of the Z designation, see <https://goldenrule.sdes.ucf.edu/wp-content/uploads/sites/64/2020/10/2020-2021-Golden-Rule.pdf#page=67>

The Grade Point Average (GPA) is the average number of grade points per semester hour attempted. **GPA is computed by dividing the total number of grade points assigned by the total number of credit hours attempted, less hours resulting from NC, W, WP, S, U, and I grades.** GPA is recalculated after each term; for Summer GPA is recalculated only after all Sessions and end of term. The GPA for graduation requirement is a minimum UCF 2.0 ("C").

Example: A student has completed 13 credit hours for a given term. To calculate the Term GPA:

1. Multiply the number of credit hours per course by the number of grade points per grade. Then add each amount to arrive at the total number of grade points earned for that term:

Course #1 B+ 3 credit hours X 3.25 grade points = 9.75
+ Course #2 A- 3 credit hours X 3.75 grade points = 11.25
+ Course #3 A 4 credit hours X 4.00 grade points = 16
+ Course #4 B 3 credit hours X 3.00 grade points = 9

= 13 credit hours = 46 total grade points

1. Divide the total number of grade points by the total number of credit hours earned that term:
46.00 total grade points / 13 credit hours = 3.54 GPA for that term.

UCF Cumulative GPA. If prior to this term the student had earned a total of 162 grade points for a combined 54 term hours of coursework, his or her cumulative grade point average entering this term would be $162/54 = 3.00$. Including this term of coursework, the cumulative grade point average would be $(162 + 46) / (54 + 13) = 3.10$.

Grades in Repeating Courses

Concerning grades in repeated courses, UCF will apply the best grade of the first two attempts for the same course when grade forgiveness is not used. If a student chooses to enroll in a course for a third time, or more, he/she will be subject to paying the repeat surcharge. Regardless of whether the grade earned is better, worse, or the same as previous attempts, the grade earned in the last attempt, in a sequence of three or more attempts, will be the grade applied toward the degree and program requirements.

All attempts for the course will be recorded on the student's transcript and will be part of the GPA calculation unless there is an approved grade forgiveness. In the case of grade forgiveness, all grades will be recorded but the GPA will be calculated in accordance to the Grade Forgiveness policy. See the Grade Forgiveness policy in this catalog and information located at registrar.ucf.edu/grade-forgiveness.

Attempted courses will impact excess hours in accordance to Florida Statute 1009.286. Students are strongly encouraged to carefully review information on excess hours in this catalog or at registrar.ucf.edu.

Higher Education Act

Lists, descriptions, and sources of information required for disclosure under the Higher Education Act may be obtained from the Registrar's Office (Millican Hall 161) or from registrar.ucf.edu/hea.

Incomplete Grade

A grade of "I" (Incomplete) may be assigned by the instructor when a student is unable to complete a course due to extenuating circumstances, and when all requirements can be completed in a short time following the end of the term. It is expected that the student will have completed a majority of the course. When an instructor assigns an "I" grade for a course, the student is notified through email about the grade. The student is responsible to arrange with the instructor for the completion of the requirements of the course. Effective with Incomplete grades assigned in the Fall semester 1997 and thereafter, a student cannot graduate from the University with an "I" on the transcript. The Incomplete must be changed within one year of the last day of the term attempted or prior to graduation from the University, whichever comes first. Unresolved Incomplete grades automatically will be changed to "F" by the Registrar's Office. Unresolved "I" grades in courses graded with "S" or "U" will be converted to "U."

Major, Minor, Undergraduate Certificate Policies

Policy for Undeclared Students

All students at the University of Central Florida are expected to officially declare a major prior to earning 45 college credit hours (this includes credits earned from college-level exam placement, Dual Enrollment, advance placement and international baccalaureate).

Majors

The University assigns the major that the student indicated on the "Application for Admission or Readmission." It is the student's responsibility to make appropriate major changes. Students who change majors between different colleges must adopt the most current Catalog. Students changing from a declared major to an "Undeclared" or "Undecided" major also must adopt the most current Catalog. For each of these students, the University automatically will update the Catalog year when processing the change in major. Students may retain their Catalog when changing tracks/concentrations within the same major (e.g., English: Literature to English: Creative Writing), or when moving from a "Pending" category to the equivalent major (e.g., "Pre-Accounting" to "Accounting"). If the new major is a different subject from the "pending" major (e.g., "Accounting Pending" to "History"), the student must adopt the most current Catalog and the University automatically will update the Catalog year when processing the change in major. If they have not interrupted residency, students entering UCF in an "Undeclared" or "Undecided" category may retain their Catalog when initially selecting a major. Students can change majors online at my.ucf.edu > Student Self Service > Student Center > other academic (drop down menu) > Change Major: Request. Follow the directions on that page.

Minors

A Minor is a complement to a bachelor's degree program/major requiring at least 18 credit hours in a field. A student may declare a minor **at any point during the first term of enrollment up to but no later than the online submission of the online "Intent to Graduate Form."** **Students strongly are urged to declare a minor as early as possible.** Minors are optional unless required by your specific major. All graduation requirements (i.e., the minor and major) must be from a single UCF Undergraduate Catalog for which a student is eligible. Minors must be certified at the same time as the student's baccalaureate degree. Unless a second degree is earned, certification will not be made at a later time even if additional courses have been completed. Students can declare, change, or drop minors online at my.ucf.edu > Student Self Service > Student Center > other academic (drop down menu) > Change Major: Request. Follow the directions on that page.

Undergraduate Certificates

An undergraduate Certificate is a supplement to the bachelor's degree program/major. Certificates are optional. Students must be admitted in a degree-seeking program to be eligible to receive an undergraduate Certificate, and a Certificate will only be granted together with completion of a UCF baccalaureate degree. All graduation requirements (i.e. the certificate and major/minor) must be from the same UCF Undergraduate Catalog for which a student is eligible. Certificates can be declared or changed online at my.ucf.edu.

Name Changes

To change the legal name maintained on the student's official UCF record, the student must submit a completed "Change of Name" form and supporting documentation to the appropriate UCF office. Attach to the form a copy of a legal name change document (e.g., marriage certificate, divorce decree, etc.). Undergraduate students must submit the form to the Registrar's Office (MH 161). Graduate students must submit the form to the Graduate

Studies Office (MH 230). Current UCF employees and those students who have been UCF employees within 12 months of the date the name change is requested must submit the form to the Human Resources Office (12565 Research Parkway). The "Change of Name" form is available from the Registrar's Office at MH 161 or online at registrar.ucf.edu.

In addition to legal name changes, the University provides students the option for a Preferred Name. Students wishing to establish a preferred name option may accomplish this by submitting the Change of Name Form to the Registrar's Office.

Readmission

A student must apply for readmission to the Registrar's Office (MH 161) if:

1. the student has not enrolled at UCF for two consecutive semesters (not including the Summer term);
2. the student has been academically suspended from UCF;
3. the student failed to enroll or withdrew from all classes during the readmitted term; or,
4. the student has previously attended, or is currently enrolled at UCF, as "degree-seeking" and desires to pursue a second bachelor's degree.

The application deadline for readmission is as follows: for Summer, **April 1**; for Fall, **July 1**; and for Spring, **November 1**.

Readmission Following Non-Enrollment for Two Consecutive Semesters

The student must complete and submit the "Readmission Application Form," available on my.ucf.edu. Log on to myUCF using your student ID and password and then go to Student Self Service > Student Center. Once on the Student Center page, go to the "Other Academic..." dropdown menu and scroll down to "Readmission Application." If the student has attended another accredited institution recognized by UCF since leaving UCF, the student must request an official transcript be sent to the Registrar's Office. If the student was previously admitted to a UCF limited-access program, the student will be placed in pending status for that major and must apply to the College for readmission to the program. Plus or minus grades will transfer for course work earned Fall 2001 and after using UCF's grade point system.

Readmitting students classified as a "Florida resident" during the last term at UCF who have resided outside of the State of Florida for one year may not be eligible for readmission as a Florida resident for tuition purposes. Students approved for readmission may be classified as a non-resident for tuition purposes and must submit documentation to the Registrar's Office establishing his or her eligibility for Florida residency for tuition purposes. For eligibility requirements, refer to "Florida Residency for Tuition Purposes" within "Financial Information" of the Undergraduate Catalog.

Any readmitted student whose UCF GPA is less than 2.0 at the time of the last enrollment at the University will be readmitted on "Academic Probation."

All applicants seeking readmission who have attempted course work at another accredited institution of higher education (meeting university transfer eligibility requirements) since last attending the University will be required to be in "Good Standing" (minimum 2.0 GPA) at the last institution attended with no allowance for grade forgiveness and must be eligible to return to the last institution attended.

Readmission Following Suspension: Disqualification, with a Grade Point Deficiency of Less than 30 Grade Points

A student who has been academically Disqualified by UCF (with a grade point deficiency less than 30 grade points) who has completed the two term academic suspension period may petition for readmission by submitting the "Readmission Application Form" to the Registrar's Office. For readmission purposes only, grade point deficiency is defined as the number of UCF credit hours earned with a "B" (3.0 GPA) grade that a student requires to raise his or her UCF grade point average to 2.0. A student's grade point deficiency is calculated when the student applies for readmission. The petitioning student must satisfy the following requirements before a decision will be made:

1. Submit a written statement indicating the reason for the previous academic difficulties and a plan for ensuring success in future terms:
 1. The written statement should be limited in length to one typed page; it must be signed and dated, and include the student's UCF Personal Identification Number (PID).

2. A "Readmission Application Form" not accompanied by the required written statement **will not** be reviewed;
2. Contact the Registrar's Office for information specific to readmission following disqualification. Please note that a plan to complete the program of study from your intended major's department/ school/college may be required as part of the readmission application packet. Until removed from probationary status following readmission, a student will not be allowed to change majors unless prior approval is authorized by all departments/schools/ colleges offering the student's current field of study and the field of study to which the student is seeking the change; and
3. Submit to the Registrar's Office official transcripts from all other schools attended during suspension (if applicable).

The Registrar's Office will review the readmission application **only** when it receives all of the documents listed above. A student denied readmission by the Registrar's Office has thirty (30) days from the date of the denial to appeal that decision to the Admissions and Standards Committee. See "[Right of Appeal](#)" below for details. Disqualified students are limited to **one** readmission appeal during the disqualification period.

For readmission purposes only, grade point deficiency is defined as the number of UCF credit hours earned with a "B" (3.0 GPA) grade that a student requires to raise his or her UCF cumulative grade point average to 2.0. A student's grade point deficiency is calculated when the student applies for readmission. A student must remain on readmission plan until removed from probationary status following readmission, a student will not be allowed to change majors unless prior approval is authorized by all departments/schools/colleges offering the student's current field of study and the field of study to which the student is seeking the change.

Readmission Prior to Completion of the Required Suspension

A student who has been academically Disqualified by UCF who has not completed the academic suspension period **is not eligible for readmission to the University**. Students may appeal for an exception to this policy to the Admissions and Standards Committee. See "[Right of Appeal](#)" below for details. Disqualified students are limited to one readmission appeal during the disqualification period and **one** appeal per 12-month period following the disqualification period.

Readmission Following Suspension: Disqualification (with a Grade Point Deficiency of 30 or more Grade Points)

Students who are disqualified (with a grade point deficiency of 30 grade points or more) are ineligible for readmission to the University. Disqualified students with a grade point deficiency of 30 grade points or more are Excluded. Excluded students are not eligible for readmission to the University and may not appeal for an exception to University policy to the Admissions and Standards Committee.

Dropping or Withdrawing During Readmitted Term

Disqualified students who drop or withdraw from all courses during the readmitted term for any reason **must** apply for readmission.

Limitations on the Number of Readmission Appeals

Disqualified students are limited to **one** appeal for an exception to University policy to the Admissions and Standards Committee during the disqualification period and **one** appeal **per 12-month period** following the disqualification period.

Excluded students are not eligible to appeal for an exception to University policy to the Admissions and Standards Committee.

Non-Academic Admission Clearances

According to the Florida Board of Regents Rule 6C-6.001(2) "...If determined not to be in the best interest of the University to admit an applicant because of past misconduct the University may do so."

This authorizes universities to refuse readmission to applicants due to past misconduct. The University further requires the Vice President of Student Development and Enrollment Services or his/her designee to review all applications disclosing information regarding any prior criminal conviction or conduct problem at another institution and to make a decision as to whether the admission of this applicant will be in the best interest of the University. This statement describes the procedure and assigns responsibility for the review of these applications

for admission. Applicants who fail to disclose any prior criminal conviction or conduct problem at another institution and such fact is subsequently discovered by the University shall be denied admission or readmission, or other academic and/or disciplinary action up to and including expulsion.

Appeal

There is no appeal of the University's decision not to admit or readmit a student based on past misconduct. According to the Florida Administrative Code 6C-6.001(4): "Applicants denied admission shall be given notice of the denial within a reasonable period of time following the decision. Upon the applicant's written request, the University shall provide the reasons for the rejection in writing."

Registration Policies

During each academic term, registration is held for all new, currently enrolled, degree-seeking and non-degree seeking students for the following term. Registration sessions consist of Registration and Late Registration (held during the first week of classes for each term/session). Spring Registration begins following midterm for the Fall semester. Summer and Fall Registrations begin following the midterm of the Spring semester. Class listings are available only online through the Class Schedule and Course Catalog Search at my.ucf.edu.

Registration is available using the myUCF at my.ucf.edu and in the college advising offices. The dates and times for each registration period are included in the Academic Calendar online at calendar.ucf.edu.

Terms and Credit Hours

The University of Central Florida academic schedule consists of two semesters (Fall and Spring), and the Summer term. The graduation credit value of each course of instruction is stated in terms of credit hours. A credit hour is an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally established equivalency that reasonably approximates not less than:

1. one hour of classroom or direct faculty instruction and a minimum of two hours of out of class student work each week for approximately fifteen weeks for one semester or the equivalent amount of work over a different amount of time; or
2. at least an equivalent amount of work as required in paragraph (1) of this definition for academic activities as established by the institution including laboratory work, internships, practica, studio work, and other academic work leading to the award of credit hours.

| Undergraduate Enrollment Status | Credit Hours |
|---------------------------------|--------------|
| Full Time | 12 or more |
| Three-Quarter Time | 9-11 |
| Half Time | 6-8 |
| Less -Than-Half Time | less than 6 |

Note: Graduate and post-baccalaureate students please refer to the online *Graduate Catalog* for enrollment status policies.

Credit Hour Limits

Undergraduate students are limited to 14 credit hours for the Summer term and 17 credit hours for the Fall and Spring semesters. The department chair and college advising office must approve overloads. Overloads may be processed at the college advising offices.

Excess Hours

Effective Fall 2009, pursuant to Florida Statute 1009.286, students entering a Florida College System institution or state university for the first time in Fall, 2009, and thereafter, may be subject to the excess hours surcharge

for hours exceeding baccalaureate degree program completion requirements. Students should regularly review their degree audits and consult with an academic advisor to make sure they are not enrolling in excess courses. More detailed explanation of the excess hours rule can be found on the University Registrar's Office website at registrar.ucf.edu/excess-hours.

Students beginning Fall Semester 2009 through Summer 2011 will be charged 1.5 times the tuition rate for each credit hour beyond 120% of the required hours of that degree program. Students beginning Fall 2011 through Summer 2012 will be charged two times the tuition rate for each credit beyond 115% of the required hours of that degree program. Students beginning Fall 2012 through Spring 2019 will be charged two times the tuition rate for each credit beyond 110% of the required hours of that degree program. Students beginning Summer 2019 and beyond will be charged two times the tuition rate for each credit beyond 120% of the required hours of the degree program.

Holds

A hold (negative service indicator) may be placed on a student's records, transcripts, grades, diplomas or registration due to financial or other obligations to the University. Satisfaction and clearance of the hold is required before a release can be given. Students may check for holds on the myUCF system at my.ucf.edu under the Student Self Service link. To obtain a release for financial holds, payment to the Cashier's Office must be made either in cash, credit card, cashier's check, or money order.

Drop/Swap and Add Policy

Drop/Swap and Add are the periods following initial registration when students may make class schedule adjustments (as listed in the Academic Calendar). Drop/Swap or Add may be done using the myUCF system (my.ucf.edu) or in the college advising offices. After the Drop-Swap period, no course may be dropped without being fee liable. Courses meeting for the first time after the end of the Drop/ Swap or Add period may be dropped the next business day in the Registrar's Office, Millican Hall 161. If a student drops courses for an entire term with the intent of not returning to UCF, they must also drop courses for any future terms or will be fee liable and receive a grade. For withdrawal after the Drop/Swap period, refer to the "[Withdrawal Policy](#)" of the Undergraduate Catalog. Please consult the Academic Calendar for Drop, Add, and Withdrawal deadlines.

A student is not automatically dropped or withdrawn from a class for not attending. The instructor cannot add, drop or withdraw a student from a class.

Audit Registration

Audit students are those who desire to attend class(es) without receiving academic credit. Regular tuition and fees are assessed for Audit registration. See the "[Fee Schedule](#)" in the "Financial Information" section of the Undergraduate Catalog. Audit registration is on a space-available basis at the prescribed time of Registration or at any time during Late Registration and Drop/Swap and Add when Late Registration fees will apply. Audit requests for students who register prior to this time will be denied. Students may not change to Audit status after Late Registration and Add, but must remain in the course or withdraw through normal withdrawal procedures. New students must be accepted for admission to be eligible to audit a course. Audit forms, available on the Registrar's website (registrar.ucf.edu) and in the Registrar's and college advising offices, must be signed by the instructor and presented to the Registrar's Office at the time of registration.

UCF Math Placement Test

The University believes that appropriate placement of students into certain course sequences is important to help foster an environment of success. The University administers the UCF Math Placement Test to determine placement into the mathematics course sequence. Students who do not meet prerequisites for mathematics courses are required to take the UCF Math Placement Test and are strongly recommended to complete the UCF Math Placement Test prior to attending Orientation. If the UCF Math Placement Test is not completed prior to Orientation, delays in registration for mathematics courses may result. The UCF Math Placement Test is for placement purposes only and does not award credit. More information about the UCF Math Placement Test is available at utc.sdes.ucf.edu/math/.

Senior Citizen Audit

Senior Citizens (60 years of age or older) who have been residents of the State of Florida for at least one year as of the first day of classes may enroll tuition free as Audit students (i.e., no academic credit) on a space-available basis. Forms to be completed include the "Residency Affidavit," the "Student Health History," the "Senior Citizen Audit Application" and "Senior Citizen Audit Registration Form" These forms are available in the Registrar's

Office (MH 161) or at the Registrar's website: registrar.ucf.edu. It is necessary to complete the required forms during the last hours of registration as noted in the Academic Calendar online at calendar.ucf.edu. Direct student expenses after the completion of registration include the campus ID card, vehicle registration and textbooks.

State of Florida Employee and UCF Employee Registration

State of Florida employee and UCF employee enrollment into courses for which the employee will seek a tuition waiver will occur on a space available only basis on the last day of Registration each term at the time specified on the "Academic Calendar" online at calendar.ucf.edu. For waiver eligibility and application information, please refer to the Student Account Services website at studentaccounts.ucf.edu.

Limited Non-Degree Seeking Applicants

This classification allows a student to enroll in selected courses when the student may have no immediate intention of pursuing a degree program. Most opportunities in this status will occur away from the Orlando campus, for courses that are taught out of the regular semester or term cycle, or for special programs mandated by the State of Florida. Successful completion of courses while in this classification **does not** provide a basis for regular admission at a later date. Programs using the Limited Non-Degree Seeking status include:

- High school Dual Enrollment
- Continuing Education
- Off-campus credit
- Soldiers-to-Scholars
- Regional Campuses
- Teacher Certification or re-certification

Students registering for classes in the Limited Non-Degree Seeking status are subject to the following regulations:

1. Students are required to provide evidence of their educational qualifications for attending classes in order to meet the intent of this enrollment classification;
2. Students who have been previously denied admission or disqualified for enrollment are not eligible;
3. Non-degree-seeking students are subject to the same rules and regulations as degree-seeking students;
4. Registration is permitted on a space-available basis;
5. A maximum of 15 undergraduate credit hours or 6 graduate credit hours may be earned as a limited non-degree seeking student;
6. International students may not register as non-degree-seeking since immigration regulations prevent foreign nationals from enrolling without admission to a degree or certificate program;
7. Limited Non-degree students are not eligible to receive financial aid nor to participate in intercollegiate sports; and,
8. Students must complete a Limited Non-Degree Seeking Status Registration Form.

Applicants for limited non-degree-seeking status are subject to applicable provisions of the University's undergraduate admissions regulation. Students registering in this category should be aware of the limitations of this status and are encouraged to apply for regular admission to the University.

State Tuition Exemption Program (STEP) (National Guard) Registration

State Tuition Exemption Program (STEP-National Guard) students register on a space-available basis only. Registration is on a space-available basis during the last hours of registration as noted in the "Academic Calendar" online at registrar.ucf.edu/calendar. STEP students must present a "Certification" letter to Student Account Services (Millican Hall 109) to receive waiver of eligible fees. Registration before the time specified in the "Academic Calendar" online at registrar.ucf.edu calendar will result in the student being assessed regular fees. The tuition fee waiver cannot be used for courses that require increased costs, including, but not limited to courses offered through the Center for Continuing Education, independent study, supervised research, supervised teaching labs, thesis hours, dissertation, internships, co-ops, practicums, or applied, individualized instruction in music, art, or dance. Eligible members of the active Florida National Guard may receive a waiver of 50% of tuition and material and supply fees.

State University System (SUS) Florida Transient Students

An SUS Transient Student is a student in good standing who is seeking a degree from one of the other Florida public universities (SUS) and desires to take courses with UCF. Students must complete the "SUS Transient Application Form", which is available online at <https://www.floridashines.org>. No application fee is required. The "SUS Transient Application Form" must be completed each term and should be completed online or delivered/mailed to the Registrar's Office (MH 161), by the application deadline noted in the Academic Calendar

online at calendar.ucf.edu. Students should visit the Registrar's Office website at registrar.ucf.edu or contact the Registrar's Office for registration information at 407-823-3100.

UCF Students Attending Another Florida Public Institution

UCF students who desire to attend another Florida Public institution, to earn credit for transfer back into a UCF degree program, as a transient student are encouraged to complete the "Transient Student Form" online, which is available on the Florida Virtual Campus website at <https://www.floridashines.org> under "College Students" > "Transferring". Students wanting to attend a Florida private institution or an institution outside the State of Florida may obtain a printed form from the UCF Registrar's Office. The prior permission of the department, school, and college advising office is required to ensure that the courses attempted at another institution will transfer and meet the UCF Degree/General Education Program requirements.

UCF Students Attending a Non-SUS Institution

A UCF degree-seeking student desiring to earn credit at another college or university for transfer back into a UCF degree program must obtain prior transient approval for specific courses from the Dean or Department Chair of his/her respective college or school. Transient approval of courses to be applied to the UCF General Education Program must be obtained in advance from Academic Services (MH 210). Credit earned without prior transient approval may not be accepted. Plus/minus grades will be transferred for course work earned Fall 2001 and after using UCF's grade point system. Because of graduation certification, students may not take courses in transient status during the term in which they expect to graduate. A student seeking transient status must complete the "Transient Approval Form," available from the college or school advising office or at <https://www.floridashines.org> and must submit the completed, approved and signed form to the Registrar's Office (MH 161). Transient credit cannot be used to reduce the last 30 semester hour residency requirement for a baccalaureate degree, the last 20 semester hour residency requirement for an Associate of Arts degree, or any departmental residency requirements.

Professional Credentialing or Licensure

If you intend to pursue professional licensure or other credentialing in your state or elsewhere, we advise you to contact the applicable state credentialing authority to familiarize yourself with its specific requirements and determine if your selected UCF program of study meets its academic criteria. You are welcome to contact a UCF program advisor with questions in this regard and we will do our best to assist you in your career planning.

Religious Observances

It is the practice of the University of Central Florida to reasonably accommodate the religious observances, practices, and beliefs of individuals in regard to admissions, class attendance, and the scheduling of examinations and work assignments. A student who desires to observe a religious holy day of his or her religious faith must notify all of his/her instructors **at the beginning of the term** to be excused from classes to observe the religious holy day.

The student will be held responsible for any material covered during the excused absence but will be permitted a reasonable amount of time to complete any work missed. Where practicable, major examinations, major assignments, and University ceremonies will not be scheduled on a major religious holy day.

Students who are absent from academic or social activities because of religious observances will not be penalized. A student who believes that he/she has been unreasonably denied an educational benefit due to his/her religious belief or practices may seek redress in accordance with the Student Grievance Procedure, as listed in The Golden Rule.

Student Classifications

Students will be classified by level, on the basis of credit hours satisfactorily earned as follows:

Freshman: 0-29 credit hours

Sophomore: 30-59 credit hours

Junior: 60-89 credit hours

Senior: 90 or more credit hours, prior to completion of baccalaureate requirements

Post-Baccalaureate:

Any student enrolled in courses, regardless of course level (except one working toward another baccalaureate degree), who has a baccalaureate degree but has not been admitted to a graduate program. All post-baccalaureate students are considered as non-degree undergraduates for all University policies and procedures.

Graduate:

Any student enrolled in graduate courses who has been admitted to a graduate program.

Other Student Classifications:

Auditor:

A student registered for any credit course who is not seeking credit.

Co-op Student:

A student enrolled in the Center for Cooperative Education and Applied Learning Program remains a registered student during all off-campus assignment semesters. Furthermore, there is no lapse in continuity in the co-op academic calendar: a co-op student either is on assignment or attending class during each term.

Special Student:

A student of demonstrated academic ability who does not meet the regular requirements for admission (Early Admission, non-degree seeking, transient, and auditor).

Temporary:

A student who applied before the deadline and who is permitted to register and attend class pending completion of the admission file.

Transient:

Students temporarily registered (for one term) at UCF with the approval of another university or college where they are regularly enrolled, or a UCF student temporarily in attendance at another university or college, with the approval of UCF. A UCF student may not be enrolled as a Transient student in another institution during the term in which the baccalaureate degree or the A.A. degree is to be awarded.

Limited Non-Degree Seeking:

A student earning credit but not enrolled in a degree program.

Provisional:

A student entering from a regionally unaccredited high school or a college or university not recognized by UCF may be admitted on provisional status where appropriate. By obtaining a minimum 2.0 GPA ("C" average) at the end of the first term of attendance, the provisional status will be removed. Earning less than a "C" (2.0) average the first term would result in disqualification.

Student Conduct

Students are subject to federal and state laws and local ordinances as well as regulations prescribed by the University of Central Florida and the Florida Board of Governors. The breach or violation of any of these laws or regulations may result in disciplinary action. Detailed conduct regulations and procedures are presented in The Golden Rule.

A person applying for admission to UCF who has had prior criminal conduct, pending criminal charges, and prior educational misconduct (including traffic violations that resulted in a fine of \$200 or more) may have the circumstances of the case reviewed by the Office of Student Rights and Responsibilities (FC 227) to consider eligibility for admission.

Student Records

Student records submitted become the property of the University and cannot be returned to the student or released to a third party. Copies of student records will be released only upon receipt of a written request signed by the student. Student records are stored in paper form or are digitally scanned. Once the student has been absent from the University for three academic years, all records may be transferred to optical disk storage and the paper copies destroyed.

Third Attempt Course Repeat Surcharges

All students enrolled in undergraduate courses for the Fall 1997 term and beyond are subject to an additional surcharge fee when they enroll in the same undergraduate college credit course three or more times. Completed courses, withdrawals, and courses with incomplete grades are counted as attempts, including courses repeated in order to raise the GPA or to achieve a specific grade. Courses that specify they may be repeated for credit are exempt. Students seeking exemptions for extenuating circumstances or financial hardship may submit a written petition with documentation to the Fee Appeals Committee, Student Account Services (Millican Hall 109).

Exemptions to the third attempt surcharge will be considered through a Fee Appeal Process.

Exceptions to the repeat course fee requirement shall be based only on extenuating circumstances, or financial hardship.

Extenuating Circumstances

Those circumstances determined by the University to be exceptional and beyond the control of the student. These may include, but not be limited to, the following:

1. Medical condition or serious illness preventing completion;
2. Death of an immediate family member;
3. Involuntary call to active duty; or,
4. Other emergency circumstances or extraordinary conditions.

Special Limitation: students who withdraw or fail a class due to extenuating circumstances may be granted an exemption only once for each class.

Financial Hardship:

Should include, but not be limited to, the following:

1. Qualification for federal need-based financial aid; or,
2. Other documented financial hardship may be considered.

For details, contact Student Account Services (Millican Hall 109) at 407-823-2433.

Transcript Requests

Requests for official transcripts must be made online via myUCF (my.ucf.edu). Telephone and email requests are not accepted. Transcripts cannot be released if there is a hold due to a financial obligation to the University. Requests may be made for immediate delivery or the request can be held until final semester grades have been posted or a degree has been awarded. Students have the option to upload an attachment to be sent with their transcript as well.

Transcripts may be sent via email as a PDF or via postal mail or FedEx on paper. The charge is \$15 per transcript unless it is held for pick up, which carries a \$10 charge. A transcript that is requested for pick up may be obtained either from Main Campus or one of the Regional Campus locations. Transcripts not claimed within 30 days of printing will be destroyed and must be re-ordered. PDF transcripts that have not been downloaded within 30 days will expire and must be re-ordered.

For additional information, please review the website: registrar.ucf.edu/transcript-request.

Withdrawal Policy

After the add/drop period ends (see Academic Calendar), students who wish to remove themselves from some or all of their classes must pursue one of the following (for a more detailed explanation of each option refer to the sections below this list):

1. **Withdrawal**—prior to the withdrawal deadline (see Academic Calendar), students may withdraw themselves from their courses through myUCF (for other methods see below). They will receive a W in the course(s). This will not affect their GPA. Tuition and fees will not be refunded.
2. **Medical Withdrawal**—if students have a documented medical condition which prevents course completion, they may pursue a Medical Withdrawal through Academic Services. If approved, they will receive a WM in the course(s). This will not affect their GPA. Tuition and fees will be refunded.
3. **Late Drop**—in exceptional circumstances such as the death of an immediate family member, documented university error, or call to military service, students may pursue a Late Drop through Academic Services. If approved, the course(s) will not appear on their transcript. Tuition and fees will be refunded.
4. **Late Withdrawal**—after the withdrawal deadline, in exceptional circumstances beyond the student's control such as being the primary caregiver for an ill family member, students may pursue a Late Withdrawal through Academic Services. If approved, the student will receive a WL. This will not affect their GPA. Tuition and fees will not be refunded.

Withdrawal: A student may withdraw from courses using myUCF at my.ucf.edu, or by visiting the Registrar's Office (MH 161), certain college advising offices, or a UCF Connect office. Students may withdraw by fax at 407-823-5652. Faxed requests must be received by 5:00 p.m. on the last day to withdraw and must include the student's identification number, the course(s) from which to be withdrawn and his or her signature. Students may also mail a written request to the Registrar's Office, P.O. Box 160114, Orlando, FL 32816-0114. This letter must be time-stamped or postmarked before the published withdrawal deadline and must include the student's identification number, the course(s) from which to be withdrawn and his or her signature. Students seeking to withdraw in person must sign the request and must provide photo identification. The official date of withdrawal is the date the University receives the withdrawal request. Requests received by mail are processed using the postmark as the official date of withdrawal. Withdrawing from courses may have financial aid, NCAA eligibility or international visa consequences. Students should seek appropriate advisement prior to withdrawing from a course. Students who withdraw from courses for an entire term with the intent of not returning to UCF must also drop courses for any future terms. A student failing to withdraw will be fee and grade liable.

A student is not automatically dropped or withdrawn from a course for not attending, nor can an instructor drop or withdraw a student from a course.

When a student cannot complete a course(s) because of pregnancy or sexual violence, the student should contact the Title IX Coordinator at 407-823-1336 immediately and before submitting a withdrawal or drop request (unless the student must submit the request in order to meet the applicable deadline). The Title IX Coordinator will explore whether other options are available to the student (eg. an "Incomplete" grade with an opportunity to finish course requirements after the semester has ended).

Late Drop: Following the close of the Drop/Swap period each term as published in the academic calendar, students withdrawing from courses will incur both grade and fee liability unless the university approves a medical withdrawal or late drop. No drop is permitted after the drop/swap deadline except in exceptional circumstances beyond a student's control that prevent the student from completing courses. Exceptional circumstances include, but are not limited to, death of an immediate family member, involuntary call to military service, homelessness, or administrative errors created by the University. Unsatisfactory academic performance, change of major, or financial challenges are not acceptable reasons for a drop after the deadline. Late drops are normally for all courses taken in the term. If a student is requesting a late drop from fewer than all courses in which the student is enrolled during a semester ("selective drop"), the student must explain in detail why the exceptional circumstance prevents the student from completing the requirements of certain courses but not others, including providing documentation that supports this explanation. For example, a student who is involuntarily called to active military service may be unable to attend courses but can complete an online course. If approved, a late drop includes a refund of tuition and fees, and the courses will not appear on the student's academic records. Students must submit the completed petition and provide all supporting documentation for a late drop to Academic Services (Millican Hall 210) within six months of the end of the term for which the late drop is sought, as stated in Board of Governors policy. **No late drop petitions are accepted past the six-month submission deadline.** The Medical Withdrawal process, rather than the Late Drop process, should be used for medical conditions serious enough to prevent a student from meeting course requirements for the remainder of

the semester.

Late Withdrawal: No withdrawal is permitted after the withdrawal deadline as published in the academic calendar except in extraordinary circumstances beyond the student's control that prevent completion of courses. Extraordinary circumstances include, but are not limited to, being the primary caretaker of an immediate family member who is seriously ill or injured, or a mandated employment transfer. Unsatisfactory academic performance is not an acceptable reason for withdrawal after the deadline. A late withdrawal is usually for all courses in the semester ("full withdrawal"). If a student is requesting a withdrawal from fewer than all courses in which the student is enrolled during a semester ("selective withdrawal"), the student must explain in detail why the extraordinary circumstances prevent the student from completing the requirements of certain courses but not others, including providing documentation that supports the explanation. If a late withdrawal is approved, the student will receive a WL grade. This will not affect their GPA. If approved, a late withdrawal does not refund tuition, and/or the student is still fee liable for the late withdrawn courses. Students must submit the completed petition and provide all supporting documentation for a late withdrawal to Academic Services (MH 210) within one year of the end of the term for which the late withdrawal is sought. **No late withdrawal petitions are accepted past the one-year submission deadline.**

Medical Withdrawal: A medical withdrawal is intended for a student whose own medical condition (physical or psychological) prevents the student from completing course(s) and the condition is serious enough to substantially limit one or more major life activities such as caring for one's self, performing manual tasks, walking, seeing, hearing, speaking, breathing, learning, eating, sleeping, standing, lifting, bending, reading, concentrating, thinking, communicating or working. Students seeking to request a medical withdrawal should contact Academic Services as soon as possible after the need for the medical withdrawal arises. All required forms must be submitted to initiate the review process. The student's medical and/or psychological provider(s) provides the University with the appropriate medical documentation using the forms provided by Academic Services. Medical withdrawal petitions must be well documented.

A medical withdrawal is usually for all courses in a semester ("full medical withdrawal"). If a student is requesting a medical withdrawal from fewer than all courses in which the student is enrolled during a semester ("selective medical withdrawal"), the student must document why the medical condition prevents the student from completing the requirements of certain courses but not others, including providing medical documentation that supports this explanation. For example, a student who is suffering from a leg injury may be unable to perform in a dance course but able to complete online courses. Once a determination is made for fewer courses, the student cannot amend the request at a later date or request a retroactive withdrawal.

The medical condition should have arisen during the given semester from which withdrawal is sought. If the student was aware of the medical condition prior to beginning of the semester, the student must provide medical documentation demonstrating that there was a change in the condition during the semester that resulted in the student's inability to meet course requirements.

Medical withdrawals for consecutive semesters will not be approved for the same medical condition.

After a full medical withdrawal, the university expects a student will not enroll at the University in the semester immediately following the semester from which the student has medically withdrawn but will use that time to address the medical condition. When the University is able to determine that the condition is likely to continue to prevent the student from completing course requirements in subsequent semesters, the University may place the student on medical hold. If a medical hold has not been placed, it is the student's responsibility to decide, given the medical condition, whether to enroll or maintain enrollment in semesters following the semester from which the student has medically withdrawn. Students are encouraged to contact Student Accessibility Services well before a subsequent semester begins to explore possible accommodations if necessary. If a medical hold has been placed, it is the student's responsibility to drop all courses for future semesters until the medical hold is removed or be fee and grade liable. Additional information about medical holds and the process by which medical holds may be removed is available from the Academic Services office.

Students must submit a completed petition for a medical withdrawal to Academic Services with all supporting documentation from both (if applicable) medical and psychological providers that supported a student's care within six months of the end of the semester for which the medical withdrawal is sought. If a medical withdrawal is approved, a grade of "WM" (withdrawal due to medical reason) will be recorded for each affected course. If an approved medical withdrawal is submitted within one year (but after six months) of the end of the term for which the medical withdrawal is sought, a "WM" grade will be recorded for each affected course but no tuition refund will be provided. A "WM" grade will have no effect on the Grade Point Average. **An approved medical**

withdrawal will include tuition refund only if the completed petition was submitted to Academic Services before the six-month submission deadline, as mandated by the Board of Governors policy. No medical withdrawal petitions are accepted past the one-year submission deadline.

When the physical or psychological condition at issue is related to pregnancy or sexual violence, the student should contact the Title IX Coordinator at 407-823-1336 immediately and before submitting a Medical Withdrawal request (unless the student must submit the request in order to meet the applicable deadline). The Title IX Coordinator will explore whether other options are available to the student (eg. an "Incomplete" grade with an opportunity to finish course requirements after the semester has ended). Academic Services officials who receive a medical withdrawal request related to pregnancy or sexual violence must notify the Title IX Coordinator immediately.

Appeal: Students whose academic record change petition has been denied have the right to appeal the decision to the Admission and Standards Committee. All documents supporting the appeal must be submitted within 30 days from the date of notification of the denial. The appeal must be based upon new or missing evidence not previously presented. Simply disagreeing with the decision is not grounds for an appeal.

Student Financial Assistance

Application Priority Date

All students must apply or reapply annually for financial aid. To be considered for the full range of financial aid available, students should complete the Free Application for Federal Student Aid (FAFSA)/Renewal FAFSA by mid-February. The processed results of the FAFSA must be received by UCF no later than December 1 to meet the university's application priority date.

- If the priority date is missed, students should apply as soon as possible after that date to be considered for the financial aid that is still available, such as the Federal Pell Grant, Federal Direct Stafford Loan, and Federal Direct PLUS Loan;
- Students should not wait to be admitted to UCF before applying for financial aid; however they cannot be offered a financial aid package until they have been admitted to the university;
- Federal Pell Grants and Federal Direct Stafford Loans are available on a year-round basis. Students may apply for financial aid in advance of any term and receive aid from these programs, if eligible;
- Students enrolling in the fall semester should submit all requested documents by the May 30th priority deadline for timely review and processing of their financial aid file. However all students should have a completed financial aid file at least 60 days prior to the beginning of any given semester. Students who apply late for aid should be prepared to cover their own living expenses, out-of-pocket, well into the term;
- A broad range of scholarships is available with diverse criteria. Please review the Scholarship page found on the website for additional information.

Application Procedures

- The FAFSA can be filed electronically at <http://www.fafsa.gov>;
- Using the IRS Data Retrieval Tool found within the FAFSA is the most accurate, and secure method of providing the required federal tax information. Applicants who use the unchanged data generated by the IRS Data Retrieval Tool will not be required to provide federal tax return transcripts from the IRS to the financial aid office. Students who are selected for verification who did not use the IRS Data Retrieval Tool, or changed data after using the tool, may be required to submit IRS tax return transcripts to verify tax information. Signed copies of tax forms and the appropriate schedules may be submitted, in lieu of tax transcripts.
- Information provided on the Student Aid Report (SAR) should be reviewed thoroughly;
- Review all correspondence, follow instructions on the Student Aid Report (SAR), and follow through within 5 – 10 business days. Delays can result in negative consequences;
- Federal regulations require that some students be selected for verification, a process that requires a student's file receive additional review. If selected, students will be required to provide documents supporting the information submitted on the FAFSA. Subsequent requests for data may be necessary after initial submissions are reviewed. Prompt response to requests will expedite completion of this process;
- Students selected for verification are advised to submit all requested documents by the May 30th

verification priority date for timely processing. Students should have a completed financial aid file no later than 60 days prior to the beginning of a semester.

- Late or incomplete submission of documents can result in delayed disbursements or possible loss of eligibility for aid.
- Offered federal funds and other need-based financial aid are considered estimates until verification is complete and all necessary corrections have been made.

Confirmation of Academic Engagement and Disbursements

Timing of disbursements is contingent upon students meeting all conditions for receiving aid. Disbursement of financial aid begins the second week of the semester and continues each week thereafter. During the first week of classes students are required to confirm academic engagement in each of their courses. This is done through either the student completing an academic activity that has been established by the faculty member or by faculty physically taking attendance. Students may complete the academic activities after the first week of classes but they may receive a later disbursement of aid for those courses. At the end of the Drop/Swap and Add period, awards are adjusted based on the student's enrollment and confirmation of academic engagement. The week following, the disbursement process is initiated by moving students' awards to the student's account. Once funds are disbursed to the Office of Student Account Services, the disbursement record is posted on myUCF under "View My Account" on the Student Center. Charges appearing on the student's account will be deducted at that time. Any remaining financial aid will be processed as a refund with the exception of any Federal Direct PLUS Loan for Parents, which will be disbursed to the parent at their mailing address. If charges remain on the account after disbursements, or if subsequent charges are made to the student's account, it is the student's responsibility to ensure they are paid. Students signed up for direct deposit should allow up to four business days for funds to show in their bank account. For refund checks that are being mailed, students should allow at least a week to receive their check at their current mailing address reflected on myUCF.

Students should be aware of the disbursement process so that they are prepared to use their personal savings for anticipated expenses such as books and supplies at the beginning of the term. The Short Term Advance (STA) for Books or the Textbook Purchase Program is available for students to help with these expenses. The STA application is available in the form section of the financial aid website approximately a month prior to the start of each term, so that funds may be available as early as two weeks before the first day of classes. For additional information regarding these two programs, visit ucf.edu/financial-aid/receive/funds-for-textbooks.

Deferment of Tuition and Fees

Deferments allow students to extend payment of tuition and fees beyond the published due date, which is generally two weeks after the term begins. The fee invoice reflects the deferred due date for tuition and fees. Students given a deferment are advised that their tuition and fee charges must be paid by the due date noted on the student's fee invoice, which is the deferment date. The deferment process occurs automatically if the student is meeting all general eligibility requirements and has enrolled in sufficient hours for the financial aid program/s. Please refer to the Program Eligibility Charts on the website for more information. Students should use myUCF to obtain up-to-date information. In order for loans to defer tuition and fees, students must accept the offered loan on myUCF View Financial Aid screen. In order to have access to accept loans, all required items on the To Do List must be submitted. Students must drop classes prior to the end of Drop/Swap and Add in order to not be fee liable for those classes. If students do not drop their classes, a financial aid deferment may keep the classes active even if they never attended.

Excess Hours Surcharge

In 2009, the Florida Legislature implemented Section 1009.286, Florida Statutes to encourage students to complete their baccalaureate degree as quickly and efficiently as possible and established an excess hours surcharge. The bill requires universities to add a surcharge to each credit hour taken in excess of the total number of credit hours required to complete the degree being pursued. The amount in excess of the total hours is calculated based on a percentage defined in statute and is referred to by UCF as baseline hours limit. The amount charged per credit hour is a calculated amount referred to as the excess hour surcharge.

The financial aid office cannot increase students cost of attendance as a result of being charged the excess hour surcharge nor can federal financial aid be used to pay for this charge. State, institutional, and private funding can, however, pay this charge. The excess hour surcharge is a state statute and should not be confused with the

federal SAP standards. Students are encouraged to meet regularly with their academic advisors to map out a timely completion of their degree. For more information, please refer to registrar.ucf.edu/excess-hours.

Financial Aid Notification

Financial aid summaries for first time UCF students are sent electronically in early March, while email financial aid notifications are sent to continuing students who meet Satisfactory Academic Progress standards in April. Initial awards may be amended due to factors such as contingent admission status, less than half-time enrollment, lack of academic progress, changes needed due to verification, incomplete files, receipt of additional resources, etc.

Financial aid packages are based upon the student's financial need, the amount of available funds, the number of UCF students who qualify for aid, and the date the student completes the application process. The amounts listed via financial aid summaries are estimates based on full-time enrollment. For purposes of financial aid, enrollment is based solely on classes that count toward degree completion.

Federal, institutional and state funded aid require admission to UCF to be finalized with no contingencies and students must be classified as degree-seeking.

Verification, if required, must be completed. Students must meet the Standards for Satisfactory Academic Progress. If all eligibility is met, financial aid funds may be disbursed.

It is the student's responsibility to be aware of minimal requirements for each program, which can be found on the Program Eligibility Charts on the website. When requirements are no longer met, awards will be adjusted as necessary and will update on myUCF. All awards are subject to change.

Financial Aid Programs Available at UCF

Financial aid comes in many forms, such as grants, scholarships, employment, loans and waivers. Detailed information on the type of aid offered at UCF can be found on the financial aid website, under types of aid.

Grants are considered gift aid and do not have to be repaid. Only undergraduate students who have not previously received a bachelor's degree and who demonstrate financial need may be eligible for federal and state funded grant programs. Awards are based on the amount of available funds and the number of eligible applicants. To be considered for grant awards, students must meet eligibility requirements and have a valid FAFSA on file at UCF.

Scholarships are awarded based on various criteria, including financial need, campus/community activities, leadership positions, academic success, and work experience. Scholarships are designed to reward, encourage, and assist students in pursuing academic excellence and leadership roles.

Federal Work Study is designed to provide students who demonstrate financial need a chance to earn money while pursuing a degree. Individual departments hire students while the Office of Student Financial Assistance determines the eligibility, award amount, and pay rate.

Loans are borrowed funds that must be repaid. They provide undergraduate students with an opportunity to invest in their future. Undergraduate students must enroll for at least six hours at UCF in UCF classes to be considered for federal loans. First time Federal Direct loan borrowers are subject to a maximum time period (measured in academic years) to receive Federal Direct Subsidized Loans. Students may not receive Federal Direct Subsidized Loans for more than 150% of the published length of their academic program. This time limit does not apply to Direct Unsubsidized Loans or Direct PLUS Loans. Visit our website for details.

Helpful Hints

- Apply early to be considered for the full range of financial aid available each year by completing the Free Application for Federal Student Aid (FAFSA)/Renewal FAFSA. The processed results of the FAFSA must be received by UCF from the federal processor by December 1 to meet the university's application priority date;
- Use the IRS Data Retrieval Tool located within the FAFSA application. Applicants who use the unchanged data generated by the IRS Data Retrieval Tool will not be required to provide federal tax return transcripts from the IRS. Students who are selected for verification who did not use the IRS Data Retrieval Tool, or changed data after using the tool, will be required to submit IRS tax return transcripts to verify tax

information. Signed copies of tax forms and the appropriate schedules may be submitted, in lieu of tax transcripts.

- Students selected for verification are advised to submit all requested documents by the May 30th verification priority deadline for timely processing. Students should have a completed financial aid file no later than 60 days prior to the beginning of a semester.
- Start a folder to save financial aid information and photocopies of all documents filed and received. Include student's name and UCF ID on all documents submitted. (Do not submit originals; documents will be shredded after scanning.)
- Students should activate their Knights Email account and check it regularly to avoid missing important and critical information from the Office of Student Financial Assistance and the university;
- Complete all items necessary to apply for both a Federal Pell Grant and a Federal Direct Stafford Loan, even if it doesn't seem advantageous at the time. The law requires that students be considered for a grant before a loan is offered.
- Respond promptly to all information requests; late or incomplete submission of documents can result in delayed disbursements or possible loss of eligibility for aid.
- Financial aid counseling services are available in a variety of formats;
- Comprehensive financial aid information can be found on the website: www.ucf.edu/financial-aid.

Independent Students

For the 2020-2021 aid year, students will be classified as independent for financial aid purposes if the answer to one or more of the questions below is yes:

- Were you born before Jan. 1, 1998?
- As of today, are you married? (Also answer "Yes" if you are separated but not divorced.)
- At the beginning of the 2021–22 school year, will you be working on a master's or doctorate program (such as an M.A., M.B.A., M.D., J.D., Ph.D., Ed.D., graduate certificate, etc.)?
- Are you currently serving on active duty in the U.S. armed forces for purposes other than training? (If you are a National Guard or Reserves enlistee, are you on active duty for other than state or training purposes?)
- Are you a veteran of the U.S. Armed Forces?*
- Do you now have—or will you have—children who will receive more than half of their support from you between July 1, 2021, and June 30, 2022?
- Do you have dependents (other than your children or spouse) who live with you and who receive more than half of their support from you, now and through June 30, 2022?
- At any time since you turned age 13, were both your parents deceased, were you in foster care, or were you a dependent or ward of the court?
- As determined by a court in your state of legal residence, are you or were you an emancipated minor or does someone other than your parent or stepparent have legal guardianship of you, as determined by a court in your state of legal residence?
- At any time on or after July 1, 2020, were you determined to be an unaccompanied youth who was homeless or were self-supporting and at risk of being homeless, as determined by (a) your high school or district homeless liaison, (b) the director of an emergency shelter or transitional housing program funded by the U.S. Department of Housing and Urban Development, or (c) the director of a runaway or homeless youth basic center or transitional living program?

Maximum Time Limitation on Direct Subsidized Loan Eligibility

There is a limit on the maximum period of time an undergraduate student can receive Direct Subsidized loans. First time Federal Direct loan borrowers on or after July 1, 2013, are subject to a maximum time period (measured in academic years) to receive Federal Direct Subsidized Loans. In general, students may not receive Direct Subsidized Loans for more than 150% of the published length of their program of study. This time limit does not apply to Direct Unsubsidized Loans or Direct PLUS Loans. Visit our website for more information.

Office of Student Financial Assistance

Director: Alicia Keaton
Millican Hall (MH) 107
finaid.ucf.edu
407-823-2827

Fax: 407-823-5241

finaid@ucf.edu

Office Hours:

Monday and Thursday: 9 a.m. - 5:30 p.m.

Tuesday, Wednesday, Friday: 9 a.m. - 5:00 p.m.

(Hours subject to change during holidays, semester breaks and changes in university operations.)

The Office of Student Financial Assistance is dedicated to supporting UCF's mission and goals through the efficient delivery of student aid. The office provides UCF students with a comprehensive offering of financial assistance options to support student success and the attainment of a university degree. Financial aid guidance is available in a variety of formats including in-person, virtual, phone and email counseling services. More information on the types of financial aid available to students and financial aid policies can be found in the [Financial Aid Guide](#).

Over Awards

An over award occurs when a student's award package has exceeded either the unmet need or Cost of Attendance. To prevent over awards, students are required to notify the Office of Student Financial Assistance of any potential awards not already listed on the student's financial aid award summary on the Student Center in myUCF. In the event of an over award, the student's award package is reduced to eliminate the over award, which may result in a repayment to the institution of the over award. This includes late scholarship notifications that may occur during the academic year. Students are advised to discuss the impact of receiving scholarship funding after other financial aid funds have disbursed with the financial aid office.

Professional Judgment

There are some cases when the federal methodology used to determine a student's eligibility does not reflect the student's current situation. In these cases, special circumstances may be taken into consideration. Students with extenuating circumstances (i.e. loss of employment, divorce, death of parent/spouse, etc.) should contact the office to review their specific situation with a counselor. If a student presents extenuating circumstances, an appeal can be submitted to include support documentation for review. The appeal will be reviewed and a decision will be made through the Professional Judgment review process. Detailed information can be found at: ucf.edu/financial-aid/receive/professional-judgement.

Program Eligibility Charts

To ensure enrollment in sufficient hours for the various financial aid programs, please refer to the Program Eligibility Charts on the website, under Receiving Aid (See ucf.edu/financial-aid/resources/program-eligibility-charts for more information).

Refunds and Return of Title IV Funds

Students should be aware that if they completely withdraw (officially or unofficially) from the university after having received financial assistance, they may be required to repay a portion of that assistance. Students who received Federal Direct Stafford Loans should also know that the Registrar's Office is required to notify the National Student Loan Data System (NSLDS) of student withdrawals. This may change their loan deferment status with their loan servicer(s).

Repeated Coursework

Federal regulations state that students may only receive federal financial aid funding for one repetition of a previously passed course. As a result, any repeated course/s that the student enrolls in (current or future terms) cannot be used in the calculation of his/her enrollment level for financial aid purposes for that particular term, regardless of whether or not financial aid was received for the course(s). The repeated course(s), including the

original attempt, must be counted towards maximum time frame and hours completion ratio requirements for Satisfactory Academic Progress purposes, which can impact a student's financial aid eligibility. For detailed information, visit ucf.edu/financial-aid/policies/repeat-coursework.

Satisfactory Academic Progress Probation

Students who submit a SAP Appeal that is approved will be placed on Financial Aid Probation, and will be continued on Financial Aid Probation status as long as they successfully comply with the prescribed academic plan that is submitted as part of the SAP Appeal. Progression will be monitored during the probationary period at the beginning and end of each semester to ensure the student is following the prescribed academic plan and successfully matriculating through their program of study. Disbursements will not be made for a semester unless it is verified that the prior review (if applicable) was acceptable and student is in the proper classes for the term in question. All probation students must successfully complete a minimum of 67% of the credit hours that they attempt each semester. In addition, students on probation for GPA and/or completion ratio must make positive progression in the appropriate area(s).

Satisfactory Academic Progress (SAP)

Federal regulations require the University to establish Standards of Satisfactory Academic Progress as a general eligibility requirement for financial aid. A student must maintain satisfactory academic progress in a course of study regardless of whether the student previously received financial aid or transferred in from another institution.

To meet the standards adopted by the University of Central Florida, a student must:

- Maintain a minimum cumulative GPA of a 2.0 at the undergraduate level.
- Complete a minimum of 67% of all credit hours attempted including transfer hours.
- Graduate within the number of hours allowed by the Satisfactory Academic Progress policy. Students are allowed a specific number of attempted hours based on their classification. This includes transfer hours accepted toward the degree plus all UCF hours (*see chart below*).

| Classification | Maximum Hours Allowed For Completing Degree |
|----------------------|---|
| Undergraduate | 180 Attempted Hours |
| Second Undergraduate | 70 Attempted Hours |
| Graduate Certificate | 27 Attempted Hours
(includes all hours taken while classified as a graduate certificate student) |
| Masters | 70 Attempted Hours |
| Specialist | 100 Attempted Hours
(including all graduate level hours) |
| Doctoral | 120 Attempted Hours
(including all graduate level hours) |

Students who do not meet the GPA and/or percentage completion SAP standards will be placed on financial aid warning for the next semester. At the end of that semester, students must either meet the standards or aid will be canceled for future terms until student either meets the standards or the student has an appeal approved placing them on financial aid probation with an academic plan on file demonstrating the requirements for the student to get back on track towards graduation.

Repeated course/s, including the original attempt, will be counted towards the completion ratio and maximum time frame requirements.

For detailed SAP policy information, please refer to the Office of Student Financial Assistance website at ucf.edu/financial-aid/policies/satisfactory-academic-progress.

Re-establishing Eligibility after Cancellation

Any student with extenuating circumstances, (i.e., death of a relative, an illness or injury of the student, etc.), who is placed on cancellation status may appeal to the Financial Aid Review Committee for reinstatement based

on his/her special case.

If the student was canceled for the failure to complete 67% of the attempted hours and since cancellation, has brought up the percentage to a minimum of 67%, the student will be reinstated during the end of the semester review process. If a student was canceled for not meeting the GPA requirement, they will be placed back on a reinstated status once their GPA has been brought up to the required level during the end of semester review process.

To appeal, the student must:

- Complete the Satisfactory Academic Progress Appeal Form; (available at ucf.edu/financial-aid, under Forms).
- Include a detailed statement that explains the extenuating circumstances that prevented or resulted in the student not meeting the SAP standards.
- Attach documentation supporting specific circumstance(s) to the appeal form;
- Meet with an Academic Advisor and have the advisor complete an Academic Plan for Financial Aid;
- Submit the appeal, supporting documentation, and academic plan to the Office of Student Financial Assistance. After a thorough evaluation of the written request and all supporting documentation, the Financial Aid Review Committee will notify the student of the decision by email communication or the student may view the updated status on myUCF, under View Financial Aid Status.

For detailed SAP policy information, please refer to the Office of Student Financial Assistance website at ucf.edu/financial-aid/policies/satisfactory-academic-progress.

School Costs

Estimated student budgets have been developed as a guide to help students anticipate their costs at UCF. Please refer to the website at ucf.edu/financial-aid/cost for the estimated Cost of Attendance. The Cost of Attendance is not a bill. It is considered estimated charges a student can expect to incur upon enrolling in classes at the university.

| Estimated Cost of Attendance for 2021-2022
Undergraduate Students - Main Regional Campus | | | | |
|---|--------------------------|------------------------|------------------------------|------------------------|
| (Fall/spring based on 14 hours per term) | | | | |
| | Florida Residents | | Non-Florida Residents | |
| | <i>On/Off Campus</i> | <i>Parent/Relative</i> | <i>On/Off Campus</i> | <i>Parent/Relative</i> |
| Living Arrangement | | | | |
| Tuition and Fees | \$5,954 | \$5,954 | \$20,980 | \$20,980 |
| Books | \$1,200 | \$1,200 | \$1,200 | \$1,200 |
| Room | \$7,318 | \$3,352 | \$7,318 | \$3,352 |
| Board | \$4,180 | \$2,236 | \$4,180 | \$2,236 |
| Transportation | \$1,866 | \$1,866 | \$1,866 | \$1,866 |
| Personal Expenses | \$3,104 | \$3,104 | \$3,104 | \$3,104 |
| Total Costs | \$23,622 | \$17,712 | \$38,648 | \$32,738 |

**Estimated Cost of Attendance for 2021-2022
Undergraduate Students - UCF Online**

(Fall/spring based on 14 hours per term)

| | Florida Residents | | Non-Florida Residents | |
|--------------------|--------------------------|------------------------|------------------------------|------------------------|
| | <i>On/Off Campus</i> | <i>Parent/Relative</i> | <i>On/Off Campus</i> | <i>Parent/Relative</i> |
| Living Arrangement | | | | |
| Tuition and Fees | \$5,892 | \$5,892 | \$20,731 | \$20,731 |
| Books | \$1,200 | \$1,200 | \$1,200 | \$1,200 |
| Room | \$7,318 | \$3,352 | \$7,318 | \$3,352 |
| Board | \$4,180 | \$2,236 | \$4,180 | \$2,236 |
| Transportation | \$1,866 | \$1,866 | \$1,866 | \$1,866 |
| Personal Expenses | \$3,104 | \$3,104 | \$3,104 | \$3,104 |
| Total Costs | \$23,560 | \$17,650 | \$38,399 | \$32,489 |

Specific Eligibility Requirements and Conditions for Receiving Financial Aid

- Students must be accepted and classified as degree-seeking at UCF in an eligible program of study. Only courses toward degree requirements count for financial aid purposes;
- Students must maintain UCF's Standards for Satisfactory Academic Progress (See ucf.edu/financial-aid/policies/satisfactory-academic-progress for more information);
- Students are required to inform the Office of Student Financial Assistance of any additional sources of aid they expect to receive beyond those listed on the award notification or award information provided on the Student Center on myUCF. Any subsequent awards or income may require a revision of the financial aid package. This includes, but is not limited to, any private scholarships or third-party tuition payment/waivers;
- Students may not receive aid in excess of their Cost of Attendance (See ucf.edu/financial-aid/cost for more information);
- Students must not be in default on any federal educational loan or owe repayment on a federal grant at this or any other institution;
- Students must provide all information requested for the completion of their file. If selected, verification must be completed within specified deadlines and prior to the receipt of all federal and most state and institutional funds;
- Students must notify the Office of Student Financial Assistance of any changes in their housing status, household size, or family members in college from that listed on their FAFSA;
- Students must reapply annually for federal financial aid;
- Students must accept, reduce or decline offered loan(s) on the myUCF View Financial Aid screen.
- First time borrowers must complete an online Entrance Counseling and Master Promissory Note (MPN) for a Federal Direct Stafford Loan at UCF;
- Students must be U.S. citizens or an eligible non-citizens, (e.g. resident aliens). Eligible non-citizens include a permanent U.S. resident with a Permanent Resident Card (I551); a conditional permanent resident with a Conditional Green Card (I-551C); as well as some I-94 classifications;
- Students must have a high school diploma, GED certificate, or completed secondary school through homeschooling as defined by state law;
- For need based programs, students must show financial need as determined by the FAFSA;
- Applicants who were assigned a male gender at birth must be registered with Selective Service, if applicable.

Student Eligibility

To receive aid from most federal and state financial aid programs, students must meet certain requirements. All students are encouraged to complete the Free Application for Federal Student Aid (FAFSA) annually, before December 1, to determine eligibility. The FAFSA results are required for many programs. The federal processor,

using a standardized formula, calculates financial need. Those results are then forwarded to the schools that were identified on the application. UCF must be listed on the FAFSA in order to receive the data. UCF's Federal School Title IV code is 003954. Regulations are subject to change at any time.

Student Rights and Responsibilities

Students have the right to full information about the financial aid programs available at UCF, our application procedures, aid deadlines, and the criteria used to determine a financial aid package. Students have the right to appeal decisions made by the Office of Student Financial Assistance. Students also have the right to equitable treatment of their financial assistance applications. Although each student's case is analyzed individually, eligibility standards are applied uniformly without regard to race, gender, religion, creed, national origin, or disability. All students' records are confidential.

It is the student's responsibility to review and understand all information and instructions, meet all deadlines, and provide all information and documentation accurately. Errors and omissions can cause delays and prevent students from receiving assistance. Misrepresentation is a violation of federal regulations.

Transfer Students

Transfer students should pay close attention to priority filing dates. If a FAFSA for the year in question has already been filed, request that the federal processor forward the information to UCF, School Code 003954, by utilizing Part II of the Student Aid Report and adding the UCF School Code to the online FAFSA, or calling the Federal Student Aid Information Center at 1-800-4 FED AID. The To Do List on myUCF will indicate any required forms.

Transfer students expecting to receive the Florida Bright Futures Scholarship at UCF are required to contact the Florida Department of Education Office of Student Financial Assistance (OSFA) to transfer their scholarship from their previous institution to UCF. Students can call OSFA at 1-888-827-2004 or log onto the Bright Futures Scholarship website at <https://www.floridastudentfinancialaidsq.org/home/ApplyHere.asp> to transfer the scholarship to UCF.

Transient Enrollment

Students who have been approved to take classes at another institution while attending UCF might have those hours counted toward meeting financial aid requirements for some programs at UCF. Courses taken elsewhere must meet some major or general education requirements to be calculated as part of student aid eligibility. Transient enrollment will not meet eligibility criteria for institutional aid programs, such as UCF Grant, UCF Scholars Award or Pegasus Scholarships. Check the Program Eligibility Chart for detailed requirements for each program. Students who expect to receive funds under any of the federal loan programs must enroll for a minimum of six undergraduate hours at UCF in UCF classes to meet eligibility requirements.

UCF students attending a Florida public community/state college or university must complete the Transient Student Admission Application through Florida Shines at <https://www.floridashines.org/>.

UCF students attending any college or university other than a Florida public institution must submit the following documents to the Office of Student Financial Assistance on or before the withdrawal deadline of the term in which aid is to be disbursed:

1. Transient Notification Form for Financial Aid for Out of State and Private Institutions.
2. A copy of the Fee Invoice and Class Schedule from the transient (host) Institution.
3. A copy of the Transient Student Approval Form with required signatures from Academic Advisor, Academic Services (if required) and UCF Registrar's Office.
4. A completed Consortium Agreement Form signed by the transient school's Financial Aid Office.

Students who are enrolled in transient hours must make arrangements to pay tuition and fees at the visited school since there is no system for deferral of those tuition and fees. In addition, it is the student's responsibility to ensure that the visited school promptly provides the UCF Registrar's Office with academic transcripts at the conclusion of the term, confirming that the attempted hours are completed. This will help avoid Satisfactory Academic Progress problems.

Students may not receive financial aid from two institutions for the same semester. Students must decide which of the two institutions is the primary school at which they are degree seeking and apply for aid there. Any inaccuracy will result in a mandatory repayment to one of the two schools for the overpayment.

Student Tuition and Fees

Direct Deposit

Students are strongly encouraged to establish direct deposit with the University. Direct Deposit prevents delays due to lost checks or change of address. All refunds from students' accounts can be direct deposited into the student's checking account to any U.S.A. bank in the federal system. Funds are usually available within 24-48 hours after disbursement, and enrollment only takes a few minutes. To enroll, sign in at <https://my.ucf.edu> and click on Student Self Service. Go to the Student Account Services link, then click on Direct Deposit and follow the instructions.

Florida Residency for Tuition Purposes

At University of Central Florida, three offices are responsible for the review of residency for tuition purposes under Florida Statute 1009.21, F.S., State Board of Education, Rules 6A-10.044 & 6A-20.003, and Board of Governors Regulation 7.005. The offices of Undergraduate Admissions and Graduate Studies determine residency for all first-time-on-campus students; thereafter, the Registrar's Office will review student requests for changes in residency for Undergraduate Students. The College of Graduate Studies will review student requests for changes in residency for graduate students. A first-time-on-campus student will be classified according to the information he or she includes on the application for admission, providing that no other information is available that calls into question the information contained on the application.

To qualify as a Florida resident for tuition purposes in accordance with State regulations, the student must be a United States citizen, resident alien, parolee, Cuban national, Vietnamese refugee, or other refugee or asylee so designated by the United States Citizenship and Immigration Service,

And

Have established a legal residence in this state and maintained that legal residence for 12 months immediately prior to the term in which they are seeking Florida resident classification. The student's residence in Florida **must** be as a bona fide domicile rather than for the purpose of maintaining a mere temporary residence or abode incidental to enrollment in an institution of higher education, and should be demonstrated as indicated below (for dependent students, as defined by Internal Revenue Service regulations, a parent or guardian must qualify),

And

Submit the following documentation (or in the case of a dependent student, the parent must submit documentation) prior to the first day of classes for the term for which resident status is sought:

1. Documentation establishing legal residence in Florida (this document must be dated at least one year prior to the first day of classes of the term for which resident status is sought). The following documents will be considered in determining legal residence:
 1. Declaration of Domicile (**Note:** the Declaration of Domicile will support a claim of residency for tuition purposes only after a period of 12 months from the date that the Clerk of the Court notes that the declaration was sworn and subscribed to them.)
 2. Proof of purchase of a home in Florida in which the student resides;
 3. Proof that the student has maintained residence in the state for the preceding year (e.g., leases, employment records).
2. Documentation establishing bona fide domicile in Florida which is not temporary or merely incidental to enrollment in a Florida institution of higher education. The following documents will be considered evidence of domicile even though no one of these criteria, if taken alone, will be considered as conclusive evidence of domicile:
 1. Declaration of Domicile;
 2. Florida voter registration;
 3. Florida vehicle registration;
 4. Florida driver license or Florida identification;
 5. Proof of real property ownership in Florida (e.g., deed, tax receipts) where you reside;
 6. Verification of permanent employment, fulltime (30 hours/week x 52 weeks) in Florida by the employer, employment records, or other employment-related documentation (e.g., W-2 paycheck

- receipts), other than for employment normally provided on a temporary basis to students or other temporary employment. The document must show 12 consecutive months of Florida employment prior to the first day of classes of the term for which the student requests Florida residency;
7. Proof of membership in or affiliation with community or state organizations or significant connections to the State;
 8. Proof of continuous presence in Florida during periods when not enrolled as a student;
 9. Proof of former domicile in Florida and maintenance of significant connections while absent;
 10. Proof of reliance upon Florida sources of support;
 11. Proof of domicile in Florida of family;
 12. Proof of admission to a licensed practicing profession in Florida;
 13. Any other factors peculiar to the individual that tend to establish the necessary intent to make Florida a permanent home and that the individual is a bona fide Florida resident, including the age and general circumstances of the individual;
 14. Proof of graduation from a high school located in Florida.
3. No contrary evidence establishing residence elsewhere;
 4. Documentation of dependent/independent status (notarized copy of most recent IRS tax return)
Or
Be married to a person who has been a legal resident of the State of Florida for the required 12-month period and relinquish legal ties to any other state,
Or
Be a member of the Armed Forces on active duty stationed in Florida, or a spouse or dependent, or active drilling members of the Florida National Guard,
Or
Be a member of the full-time instructional or administrative staff of a state public school, Florida College System institution, or university in Florida, a spouse or dependent,
Or
Military Personnel (and spouse/dependent children) not stationed in Florida whose home of record or state of legal residence certificate is Florida,
Or
Be a dependent and have lived five years with an adult relative, who has established legal residence in Florida,
Or
Be a person who was enrolled as a Florida resident for tuition purposes at a Florida institution of higher education, but who abandoned Florida residency and then re-enrolled in Florida with 12 months of the abandonment,
Or
Be a full-time Latin American or Caribbean student who receives scholarships from the federal or state government,
Or
Be a United States citizen living on the Isthmus of Panama who has completed 12 consecutive months of college work at the Florida State University Panama Canal Branch, or a spouse or dependent,
Or
Be a graduate student of the Southern Regional Education Board's Academic Common Market attending Florida's state universities,
Or
Be a full-time employee of a state agency or political subdivision of the state when the student fees are paid by the state agency or political subdivision for the purpose of job-related law enforcement or corrections training,
Or
Be a U.S. Citizen who is a McKnight Doctoral Fellowship recipient,
Or
Be a qualified beneficiary under the Florida Pre-paid Postsecondary Expense Program per s.240.551(7)(a),
Or
Be an active duty member of the Canadian military residing or stationed in this state under the North American Air Defense (NORAD) agreement, or a spouse or dependent,

And

Submit a statement as to the length of residence in Florida and their residency qualifications under the above criteria. Students requesting Florida residency for tuition purposes shall apply to the appropriate admissions office if they have not yet enrolled, or to the Registrar's Office if they already are enrolled.

General Information

Student Account Services is here to serve the students who attend the University of Central Florida by maintaining accurate financial records and communicating with students concerning their accounts.

The Student Account Services office is responsible for:

- Tuition and Fee Assessment/Refunds
- Processing Payments
- Overdue payment and institutional loans collection (Loans and Collections)

Late Fees

Late Payment Fees apply to students who do not pay their fees (or obtain a full fee deferment) by the payment deadline. The Late Payment Fee is \$100 per term minimum.

Late Registration Fees are charged to students who enroll following the close of the regular registration period for the term, who re-register, or who enroll for the first time that term during Late Registration and Drop/Swap and Add period. The Late Registration Fee is \$100.00 per term minimum.

Late Payment DNP (Drop for Non-Payment) Fees are charged to students who are dropped for non-payment of courses. The DNP Fee is 100 per term minimum.*

*Summer term is divided into sessions, and the late fees are charged per session.

Other Forms of Payment

Tuition and fees may be partially or completely paid by financial aid, Florida Prepaid, tuition waivers, or departmental grants. The student is responsible to pay any amount that is not covered by these types of payments by the due date on his or her fee invoice.

Financial Aid

See Student Financial Assistance for rules and procedures.

All fees not deferred by financial aid are due by the due date on his or her fee invoice.

For information regarding Florida Prepaid College Plan or Tuition Waivers, please refer to the Student Account Services website at studentaccounts.ucf.edu.

UCF Payment Plan

The UCF payment plan is a 2-payment design in which the student pays \$15 upfront to be allowed to pay only 50% of the total tuition bill by the regular payment deadline, therefore avoiding a late payment fee, and being dropped for non-payment. The student is then responsible for paying the remaining 50% by the Payment Plan deadline on their Fee Invoice. Students receiving financial aid, Florida Prepaid, waivers, or third party payments already have an extended payment deadline and will not be eligible for the UCF payment plan.

Florida Prepaid

UCF Student Account Services will automatically defer tuition and fees and bill Florida Prepaid (FPP) up to the maximum billable amount based on the number of credit hours enrolled. Students with active FPP deferrals will see the Estimated FPP showing on their Fee In-voice for the term. Please note that no FPP Plan will cover 100% of the fees associated with the tuition assessed. Student Account Services use an automated system to identify students with active FPP accounts, which eliminates the need to turn in a FPP Card.

Tuition and Fees for Senior Citizens

Persons 60 years of age or older who meet Florida residency requirements may register to audit classes on a space-available basis without payment of tuition and application fees. Registration is on a **space-available basis**; see the appropriate term's Academic Calendar calendar.ucf.edu for registration dates and times. The tuition fee waiver cannot be used for courses that require increased costs (such as thesis, dissertation, and directed individual study). A "Florida Residency" Affidavit is required to establish Florida residency. A completed "Student Health History" form must be filed prior to registration. Inquiries should be directed to the Registrar's Office (Millican Hall 161; Telephone: 407-823-3100).

Past Due Accounts

All financial obligations to the University must be met. **Failure to meet obligations can result in the**

withholding and denial of registration, diploma, transcripts and readmission to the University. The services of a professional collection agency and recourse to the courts may also be invoked if deemed necessary. All costs of collection, including attorney's fees, are the responsibility of the debtor.

Do not assume your registration will be canceled if you fail to pay fees or attend classes. Tuition deferrals, for example, will prevent class cancellation for non-payment.

Payment Procedures

Payment must be received or postmarked no later than the fee payment deadlines as specified on the Academic Calendar. The primary form of payment of most account holders is online through the E-pay system via the myUCF portal. Students can pay using a check or a credit card in this system. **Payments cannot be transacted by telephone.**

Acceptable forms of payment:

Personal Checks

Credit Cards (Acceptable credit card types are Visa, American Express, MasterCard, and Discover). Please review the Student Account Services website at studentaccounts.ucf.edu/payment-methods for current payment information.

E-Pay - my.ucf.edu - E-Check (Personal Check) or Credit Card

- A nonrefundable convenience fee will apply per credit card transaction.
- Payments made at any time on the published fee payment deadline will be considered on time.

E-Pay process:

- Sign in the myUCF portal as usual then click on the link for Student Self Service; this will open your Student Center page. Use the right scroll bar to scroll to the Finances section. You will find the **My Account** section.
- Click on the link for the Tuition Fee Invoice. Select the current term (i.e. Summer 2020, Fall 2020, or Spring 2021). The Fee Invoice will provide you your schedule, the charges, the Amount Due and deferrals.
- Annotate the Amount Due as you will need that amount once you are on the E-Pay system.
- Scroll down to the bottom of the page and click on the Due Charges/E-Pay link to make a payment.

Mailed payments: (Please do not send cash)

- Include student's name and UCF ID# on personal checks or money orders (make check payable to University of Central Florida)
- Address payments to:

University of Central Florida
Student Account Services
Attn: Payment Processing
P.O. Box 160115
Orlando, FL 32816-0115

Payment Drop - 24-Hour Depository at main campus (located on Reflecting Pond side entrance of Millican Hall) (no cash)

Refund of Fees

A refund of fees will be processed under the conditions noted below. The student must submit a written appeal for a refund or other appeal action to the University within six months of the close of the semester/term to which the refund or other appeal action is applicable. Any debts to the University will be deducted from the refund, up to the full amount.

Full Refund Eligibility

The following conditions allow a full refund: 1) A class is dropped prior to the end of the Drop period; 2) Cancellation of a course by the University.

Partial Refund (25%)

25% of tuition and associated fees assessed, adjusted for waivers, is refundable when the student withdraws **completely** from the University prior to the end of the fourth week of classes during a 16 or 17 week semester, or as designated by the university for summer sessions.

Exceptional Circumstances

Refunds for exceptional circumstances may be available for certain Administrative Record Changes of courses. Up to 100% of tuition and registration fees are refundable if due to circumstances determined by the University to be exceptional, including, but not limited to, sickness, death, involuntary call to military service, or University administrative error. If approved, a Late Withdrawal does not result in a refund of tuition and fees. Please visit the Academic Services website for more information.

A written appeal for a refund or other appeal action must be submitted to the University within six (6) months of the close of the semester to which the refund or other appeal action is applicable.

Schedule of Fees

Note: 2021-2022 tuition and fees had not been established at the time of this publication. Rates for the 2021-2022 academic year will be available in July 2021 at studentaccounts.ucf.edu/tf-tuitionratescurrent. Fees are subject to change without notice.

Tuition and Fees: Tuition and fees are established by the State Legislature and the University Board of Trustees and are subject to change without notice. Fees are affected by residency status. Tuition and fees are charged per semester or term for main campus, regional campus, and continuing education courses. Tuition is assessed on a per credit hour basis. Students classified as zero-hour registration students are assessed one credit hour at the Florida Resident Tuition rate at the course level for which the student is registered.

Tuition Fee Invoice: A student's Fee Invoice will show all tuition and fee charges, payments and deferments associated with the term, and courses in which the student is currently enrolled. The Fee Invoice will not show fees such as housing, meal plan, library, parking, etc. Tuition Fee invoices are available 24/7 on the web my.ucf.edu, and from the student's college advising offices. Students should review their current Tuition Fee Invoice prior to making a payment. Tuition Fee invoices are not mailed. The Tuition Fee Invoice should be reviewed once after initial registration of courses and also after making any changes to the initial registration to ensure that the fees are adjusted accordingly

Fee Payment Deadlines: All University tuition and fees must be paid by the published dates. Tuition and fees not paid or deferred by the payment deadline for each term will result in late fees and may result in the cancellation of all classes. Refer to the [Academic Calendar](#) each term for the fee payment deadlines.

Limited Non-Degree Enrollment Classes: Payment guidelines for Limited Non-Degree enrollment classes can be found on the "Registration Form for Non-Admitted Students." It is the student's responsibility to officially drop from courses to avoid additional financial obligations.

Student Account Services

Bursar: Kelly D'Agostino
Millican Hall (MH) 109
studentaccounts.ucf.edu
407-823-2433
studentaccounts@ucf.edu

Student Financial Responsibility Statement

Registration at UCF requires students to acknowledge the following financial responsibility statement:

The following agreement includes details on your responsibilities related to, but not limited to the following:

You are responsible for paying for any course for which you are enrolled in at the end of UCF's drop period. If your account becomes delinquent, you agree to reimburse UCF for the fees of any collection agency, which may be based on a percentage of the delinquent account balance.

Fee Responsibility: By registering for courses at UCF, I promise to pay the university the principal, and any late fees, fines or penalties, by the due dates stated on my student account and in applicable university catalogs

and/or websites. I understand that withdrawal for each term begins after the drop deadline and that I remain fee liable for any class from which I withdraw. I understand that non-attendance does not constitute a drop or withdrawal. I also understand that notifying my professor, advisor, or other university representative does not constitute a drop or withdrawal. If I withdraw from courses with the intent of not returning to UCF, I must also drop courses for any future terms or I shall be fee liable and receive a grade.

Payment of Fees: If payment is made by check (electronic or paper) and the check is not honored by my bank, I agree that a returned check fee will be charged to my student account. If I expect financial aid to pay all or part of my financial obligations to UCF, I understand that it is my responsibility to meet all requirements for aid disbursement to my student account. I authorize UCF to use the financial aid to pay for all education costs charged to my student account in accordance with federal guidelines. I understand that it is my responsibility to ensure that all requirements of grantors, lenders, employers, and other third-party payers are met on a timely basis. I understand that despite my expectations for payment from financial aid or other sources, I am ultimately responsible for all charges incurred. I understand that my financial aid may be adjusted due to my student eligibility and/or student status (e.g., part-time, full-time). In connection with any such adjustments, I agree to repay UCF any amounts that the university pays, on my behalf, to lenders or other financial aid providers and that such amounts constitute an educational loan from the university.

Bankruptcy: UCF is an institution of higher education. As such, certain financial obligations are considered to be an educational loan offered for the sole purpose of financing an education and therefore is a non-dischargeable debt, pursuant to United States Bankruptcy Code section 523(a)(8).

Official Notification: I understand that UCF sends electronic notifications (emails) to my official Knights e-mail account to communicate important updates and that I am responsible for taking action on correspondence sent to this address.

Note: The Fall 2020 Financial Responsibility Statement had not been established at the time of this publication.

Undergraduate Admissions

Admissions Categories

Students may submit applications to the University for one of the following categories:

1. Freshman (First-Time-In-College: FTIC)
2. Dual Enrollment/Early Admission (includes early admission and dual enrollment, on- or off-campus)
3. Transfer*
4. Second Bachelor's Degree
5. Transient (one term enrollment only, not from a Florida public institution)**
6. Non-Degree Seeking (not including students who have already earned a bachelor degree)***
7. Limited Non-Degree Seeking****
8. Special Non-Degree Seeking (includes students participating in specific non-degree seeking programs including ROTC, Study Abroad only, Marching Band only, and Rosen College exchange programs)

*Transfer students with 60 semester hours or more may also designate one of many UCF Connect sites as well as a UCF Online-only program. Please refer to the application.

**Students applying as transient from a Florida public institution should apply through Florida Shines at <http://www.floridashines.org>.

***Students who have already earned a bachelor degree and wish to attend as non-degree seeking should follow the procedure through our Graduate Admissions Office located at admissions.graduate.ucf.edu/nondegree_applicants.

****Please see the "Academic Regulations and Procedures" section of this catalog for this admission category.

Freshman Applicants

Any FTIC student who meets minimum admission requirements as stated in Florida Board of Governors Regulation 6.002 is encouraged to submit an application. Meeting these minimum requirements does not guarantee admission. An applicant's total high school record (including grades, test scores, educational objective, quality of courses completed, essay, and personal achievements and honors) will be considered in the selection process. The University reaffirms its Equal Educational Opportunity (EEO) commitments and seeks to increase diversity among the student body.

High School Diploma

Freshmen who are applying for admission to the University are required to have a standard high school diploma (or the equivalent) or a General Equivalency Diploma (GED).

Entrance Examination Scores

All FTIC applicants for admission must submit test scores from the SAT Reasoning Test, redesigned SAT (rSAT) or the ACT. UCF superscores both the SAT and the ACT.

High School Academic Units and Grade Point Average

All applicants must have earned a minimum number of high school academic units (year-long courses that are not remedial in nature) to be considered for admission. A grade point average (GPA) will be computed only on academic courses. Plus(+) and minus(-) will not be included in the high school GPA recalculation. Grades in International Baccalaureate (IB), Advanced Placement (AP), Cambridge Advanced International Certificate of Education (AICE), honors and dual enrollment courses will be given additional weight in the computation of the academic GPA. The high school academic unit requirements are as follows:

| Academic Subjects | Units Required |
|---|-----------------------|
| English (three of which must have included substantial writing) | 4 |
| Mathematics (at or above the Algebra I level) | 4 |
| Natural Science (two of which must have included substantial laboratory requirements) | 3 |
| Social Science (included: history, civics, political science, economics, sociology, psychology, and geography) | 3 |
| Foreign Language (both credits must be in the same language) | 2 |
| Additional academic electives from the above five subject areas and courses recommended by the Florida Association of School Administrators, or other groups, and courses recommended by the Articulation Committee and approved by the Department of Education | 2 |
| TOTAL UNITS: | 18 |

Applicant Eligibility

As stated in Florida Board of Governors Regulation 6.002, an FTIC student shall be considered as meeting minimum SUS eligibility requirements in one of the following ways:

1. A 3.00 or higher high school grade point average (GPA) on a 4.00 scale as calculated by the university, presenting an official SAT and/or ACT score, and meeting all high school academic unit requirements above.
2. A 2.50-2.99 high school grade point average (GPA) on a 4.00 scale as calculated by the university, presenting an official SAT and/or ACT score, meeting the requirements for college-level placement per Board of Governors Regulation 6.008 below and all high school academic unit requirements above.

| SAT (taken prior to March 1, 2016) | |
|---|-----|
| Critical Reading | 440 |
| Mathematics | 440 |

| SAT (taken March 1, 2016 and after) | |
|--|----|
| Reading Test | 24 |
| Writing and Language Test | 25 |
| Math Test | 24 |

| ACT | |
|-------------|----|
| Reading | 19 |
| English | 17 |
| Mathematics | 19 |

Each state university reserves the right under Florida BOG regulation 6.002 to establish admission criteria that exceeds Florida BOG minimums.

- Admission to the University is limited by space availability. The degree of competition for space depends on the number and qualifications of those who apply for admission. To increase the chance of admission, high school students should present credentials that are stronger than the minimum requirements for consideration as listed above. If the number of qualified applicants exceeds the number that the University is able to enroll, a waiting list will be established.
- A student applying for admission who does not meet established requirements may bring to the University other important attributes or special talents and may be admitted if, upon appeal and in the judgment of the Admissions and Standards Committee, the student can be expected to do successful academic work. The University will provide appropriate advising for each student admitted under this alternative.
- Students who have been enrolled in dual enrollment courses will be required to have a minimum "C" average (2.0 GPA) for all completed dual enrollment course work.
- A student must demonstrate competency of foreign language or American Sign Language equivalent to the second high school level or higher (Spanish 2, Haitian Creole 2, etc.) or at the elementary 2 level in one foreign language or American Sign Language at an undergraduate institution to be offered admission.

Dual Enrollment/Early Admission Applicants

High School students who have demonstrated exceptional academic ability may be permitted to enroll as university students while completing their high school programs. There are three types of dual enrollment programs:

1. **Early Admission** is for students who have typically completed their junior year in high school and would like to enroll at the University as full-time students for their senior year of high school to complete their high school graduation requirements. Students must submit an application for admission by the published application deadline date. In addition, the following information is required:
 - official copy of high school transcript(s);
 - official copy of SAT Reasoning Test, redesigned SAT (rSAT), or ACT; and
 - Completed Early Admission/Dual Enrollment Authorization Form
2. **Dual Enrollment On-Campus** is for students who desire to dual enroll on a part-time basis, taking one or two courses on campus, while completing their high school course work. Students must submit an application for admission by the published application deadline date, as well as all items listed above. Additional documentation may be required.
3. **Dual Enrollment Off-Campus** is for students whose high schools sponsor on-site courses at specific high schools. Students earn both high school and college credit for successful completion of course work. Each respective high school selects students who are eligible to participate in these programs. Contact your high school guidance office for detailed information.

Transfer Applicants

Any Transfer student who meets minimum admission requirements as stated in Florida Board of Governors Regulation 6.004 is encouraged to submit an application. Students should apply online at admissions.ucf.edu and arrange to have official transcripts sent from all colleges attended. The Office of Undergraduate Admissions computes a grade point average (GPA) for each institution attended, as well as a cumulative GPA on all college courses attempted. This computation does recognize plus or minus grades and only recognizes grade forgiveness when it is used as part of an awarded statewide articulated Associate in Science degree or an Associate in Arts degree from a Florida public institution. Applicants must have a cumulative minimum GPA of 2.0 as well as a minimum GPA of 2.0 and be in good standing as a degree-seeking student at the last institution attended to be considered for admission to UCF. **Meeting these minimum requirements does not guarantee admission.**

Transfer students are required to complete at least 30 hours in residence at UCF to earn a bachelor's degree. In addition, students must complete 48 hours in residence at UCF to be eligible to receive baccalaureate honors recognition at the time of graduation.

Transfer Applicants with Fewer Than 60 Credit Hours

Transfers with less than 30 transferrable semester hours: Must minimally meet all requirements listed in the Freshman Applicants section above. They must also have at least a 2.0 GPA on a 4.0 system for all college-level academic courses attempted and be in good standing (minimum 2.0 GPA) and eligible to return as a degree-seeking student to the last institution attended. Meeting these minimum requirements does not guarantee admission.

Transfers with 30 or more but less than 60 transferrable semester hours: Must minimally have successfully completed (C or higher) at least one English Composition course and one college level mathematics course that consists of three (3) semester credit hours, as well as demonstrated foreign language competency equivalent to the second high school level or the elementary 2 level at an undergraduate institution. They must have at least a 2.0 GPA on a 4.0 system for all college-level academic courses attempted and be in good standing (minimum 2.0 GPA) and eligible to return as a degree-seeking student to the last institution attended. High school transcripts may be required to demonstrate completion of the foreign language admission requirement. Students not meeting these requirements must meet the requirements for transfer students with less than 30 transferrable semester hours. Meeting these minimum requirements does not guarantee admission.

Transfer Applicants with an A.A. Degree from a Florida Public Institution

Admission of Associate in Arts (A.A.) degree graduates from Florida College System institutions and Florida state universities is governed by the Articulation Agreement between the state universities and Florida College System institutions of Florida, as approved by the State Department of Education. The agreement states: The associate in arts degree is the basic transfer degree of the Florida College System institutions. It is the primary basis for admission of transfer students from Florida College System institutions to upper division study in a state university. Every associate in arts graduate of a Florida College System institution shall be granted admission to an upper division program consistent with Section 1007.23, F.S. Admission to each student's preferred public postsecondary institution or program is not guaranteed.

Any student admitted without demonstrated competency in a foreign language or American Sign Language equivalent to the second high school level or the elementary 2 level at an undergraduate institution must satisfy the admission requirement prior to graduation. Florida College System institution Associate in Arts graduates are guaranteed the following rights under the Statewide Articulation Agreement (State DOE Rule 6A-10.024):

1. Admission to one of the twelve state universities, except to "limited access" programs (programs that have additional admission requirements);
2. Acceptance of at least 60 credit hours by the state universities toward the baccalaureate degree;
3. Transfer of equivalent courses under the statewide Course Numbering System;
4. Acceptance by the state universities of credit earned in accelerated programs (e.g., CLEP, AP, PEP, Dual Enrollment, Early Admission, and International Baccalaureate);
5. No additional General Education Core requirements;
6. Advanced knowledge of selection criteria for limited access programs; and
7. Equal opportunity with native university students to enter limited programs.

Should any guarantee be denied, students have the right of appeal through the Office of Undergraduate Admissions and the Admissions and Standards Committee.

Transfer Applicants - More Than 60 Hours, Have Not Received an A.A. Degree from a Florida Public Institution

Undergraduate transfer applicants who desire to be admitted as upper division students must have met, at least, all of the following requirements:

- A minimum of a 2.0 GPA and 60 credit hours of academic course work;
- The English and Mathematics requirements of the Gordon Rule; and,
- Demonstrated competency at the elementary 2 level in one foreign language or American Sign Language at an undergraduate institution. This requirement applies to those students without the required demonstrated proficiency equivalent to the second high school level.

Meeting these minimum requirements does not guarantee admission.

Second Bachelor's Degree Applicants

Second Bachelor's Degree applications are processed by the Undergraduate Admissions Office or the Registrar's Office. Guidelines for which office students should make application to are outlined as follows:

- Students who **have never attended** the University of Central Florida as degree seeking undergraduate students must apply to the **Office of Undergraduate Admissions**. Students should complete the undergraduate admissions application online at admissions.ucf.edu.

- Students who **have previously attended** the University of Central Florida as a degree-seeking undergraduate student should apply through the Registrar's Office. These students should follow the Readmission procedure located online at registrar.ucf.edu/readmission-application.

Credits from a Previous Baccalaureate Degree

Graduates from other accredited institutions of higher education (meeting university transfer eligibility requirements) who apply for admission to work toward a second undergraduate degree must meet the regular requirements of the university (as defined in the "Undergraduate Degree Requirements" section of this Undergraduate Catalog). Students must meet all transfer GPA requirements. A baccalaureate degree or higher from another accredited institution of higher education (meeting university transfer eligibility requirements) satisfies the General Education Program requirements and also provides exemption from the foreign language requirements for admission and graduation.

Note: A baccalaureate degree or higher from a non-US institution with fewer than the equivalent of 120 credit hours will not automatically be credited as a baccalaureate degree. Students will be classified according to the number of semester credit hours earned rather than a second-degree seeking applicant. A baccalaureate degree from a non-US institution will not automatically satisfy the General Education Program requirements. If a baccalaureate degree from an accredited institution of higher education (meeting university transfer eligibility requirements) includes credit from a non-recognized institution, the credit from the non-recognized institution may not be included as transfer credit. This would result in the transfer of less than the total number of credit hours awarded within the baccalaureate degree.

Transient Student Applicants

A student in good standing with a minimum 2.0 GPA at the last accredited institution of higher education (meeting university transfer eligibility requirements) attended who desires to enroll for one term at UCF may be considered for admission as a transient student. Such enrollment terminates at the end of one term and does not presuppose degree-seeking admission to the University. A transient student must submit an official transcript from the last institution attended. Transient student applications must be received by the appropriate application deadline. If a student's last school of attendance is a Florida public institution, they must apply through the Florida Shines website at <http://www.floridashines.org>. Transient students are not eligible to receive financial aid. Registration is permitted on a space-available basis. Meeting the minimum GPA requirements does not guarantee admission.

Non-Degree Seeking Applicants

A student who wishes to attend UCF, but not work toward a degree and has not already earned a bachelor's degree, must apply to the Office of Undergraduate Admissions as a non-degree seeking student. Non-degree seeking applicants must follow the same procedure and must meet the same admission requirements as transfer applicants. Please see the details on the previous page for transfer applicants. **Meeting minimum admission requirements does not guarantee admission.**

A student who has already earned a bachelor's degree and wishes to attend as non-degree seeking should follow the procedure through our Graduate Admissions Office located at application.graduate.ucf.edu/#/.

Application for Admission

All interested applicants should complete the University of Central Florida "Undergraduate Admissions Application" online at admissions.ucf.edu and submit the \$30 (in U.S. Currency), non-refundable application fee. First-Time-In-College (FTIC) students can also apply using the Common Application at <http://www.commonapp.org>. Students should apply several months in advance of an anticipated start date and provide a completed file by the published application deadline. Questions concerning admission requirements and applications can be forwarded to admission@ucf.edu.

Applications for admission can be submitted up to one year prior to the start of the term desired. The application deadlines are May 1 for the Fall semester (July 1 for Transfer students), November 1 for the Spring semester, and March 1 for the Summer term. The priority deadline for most financial assistance and scholarships is December 1. Information regarding University housing can be found at housing.ucf.edu. Applicants can apply for housing once they are offered admission to the University. Requests for housing are subsequently reviewed according to the date of the receipt of the housing application. **The University does not discriminate based on race, color, ethnicity, national origin, religion, non-religion, age, genetic information, sex (including pregnancy, parental status, gender identity or expression, and sexual orientation), marital status, physical or mental disability (including learning disabilities, intellectual disabilities, and past or present history of mental illness), political affiliations, veteran status (as protected under the Vietnam Era Veterans' Readjustment Assistance Act), or membership in any other protected classes as set forth**

in state or federal law.

Applicants should understand that this Undergraduate Catalog outlines minimum requirements to be considered for admission and that admission to the University is competitive. The satisfaction of minimum requirements does not guarantee admission. Conversely, Florida Department of Education policy allows the University to admit students to any semester as exceptions to the minimum requirements. The Office of Undergraduate Admissions and the Admissions and Standards Committee are responsible for the admission of all undergraduate students under this exception policy.

Applicants must submit official transcripts from each educational institution attended to the Office of Undergraduate Admissions. Applicants must likewise submit official score reports for credit earned from each appropriate testing agency (e.g. AICE, AP, CLEP, or IB). To be considered official, supporting admissions documents must be received directly from the issuing institution or testing agency. All final supporting documents must be received by the Office of Undergraduate Admission no later than six (6) days after the first day of classes.

Note: Furnishing false or fraudulent statements in connection with an application for admission or residency declaration may result in disciplinary action, denial of admission, loss of financial aid, and invalidation of credits or degrees earned.

Those enrolled students who have not submitted official completed records by the deadline will be placed on administrative hold. Students with these incomplete records will not be permitted to register for a future term until all official transcripts and other required documentation have been received. If, upon review of final transcripts, student records are not satisfactory, they may be placed on academic probation, have their admission status revoked, changed to non-degree or transient status, may become ineligible for financial assistance, and may, in some cases, be withdrawn from the University. In addition to the required documentation mentioned above, students must have a satisfactory conduct record at all schools attended.

The University of Central Florida participates in the [National Council for State Authorization Reciprocity Agreements](#). More information regarding geographical authorizations and restrictions is available at registrar.ucf.edu/restrictions.

Reactivation

Students who have submitted an application for admission to UCF as a degree-seeking student and do not attend, may reactivate the original application **within one year** of the term for which they first applied. To update the application, students should complete the Reactivation Form by the published application deadline date. This form can be found online at admissions.ucf.edu/forms. This process reactivates the application only; additional official credentials may be required. Admission for one term does not guarantee admission for a future term.

Baccalaureate Honors

Transfer students should be aware that eligibility for graduation with baccalaureate honors requires the completion of a minimum of 48 credit hours at UCF and is based upon an overall grade point average (including all transfer credit). For more details, refer to "Academic Honors" within the "Academic Regulations and Procedures" section of this Undergraduate Catalog.

Campus Visit Experience

Associate Vice President: *Gordon D. Chavis, Jr.*
Duke Energy University Welcome Center (UWC)
admissions.ucf.edu
407-823-3000
admissions@ucf.edu

The Office of Undergraduate Admissions at the University of Central Florida coordinates the admission and enrollment of all undergraduate first-time-in-college, transfer, non-degree, and non-Florida public institution transient students to the university. The office's primary mission is to identify, attract, and enroll talented, diverse, and academically qualified students who will contribute to, achieve growth and success at, and benefit from attending the University of Central Florida.

The Office of Undergraduate Admissions seeks to attract students who are motivated, creative, and committed to academic excellence. The office will accomplish this through personal contacts, strategic communication,

information management, and targeted recruitment. The office is dedicated to providing quality customer service through effective teamwork and through the development of collaborative partnerships with both internal and external communities.

The office administers several programs for prospective students and parents, including daily tours and information sessions, "Knight for a Day" open houses, area receptions for admitted students, and high school and Florida College System institution visits by admission representatives. It also provides the opportunity to meet one-on-one with an admission representative on campus. Please visit our website for further information. Office hours are Monday/Thursday 9 a.m.-6 p.m. and Tuesday/Wednesday/Friday 9 a.m.-5 p.m.

Campus Visit Experience

Information sessions and campus tours are available through our "Campus Visit Experience". All freshmen (First-Time-In-College: FTIC) and transfer prospective students and their families are encouraged to participate. The Campus Visit Experience, which includes both an information session and tour of the campus, begins at the Duke Energy UCF Welcome Center at 10 a.m. and 2 p.m., Monday through Friday, except holidays. Reservations can be made by visiting our website at admissions.ucf.edu. "Transfer To Be A Knight" information sessions are held for prospective transfer students on select days throughout the year. Visit admissions.ucf.edu/transferknights for more information. Special requests may be accommodated and can be requested by visiting our website.

Admissions representatives are available to discuss particular concerns about admission to the University. You may contact the Office of Undergraduate Admissions at 407-823-3000 or visit us at our website. Information sessions and campus tours are also available for students interested in our UCF Downtown Campus and our Rosen College of Hospitality Management Campus. Go to <https://www.ucf.edu/admissions/undergraduate/visit/> to schedule a visit.

International Applicants

The University of Central Florida is authorized under federal law to enroll students on non-immigrant visas. All international candidates applying for admission to UCF must submit a University of Central Florida Undergraduate Admissions Application online at admissions.ucf.edu. Because of additional processing time needed for non-immigrant students joining UCF on F-1 or J-1 visas, those students should submit the application and all required academic documentation by the international application deadlines, as follows: Fall: **March 1**; Spring: **September 1**, and Summer: **January 1**.

The following items will be needed in order to review an application for admission. Specifics regarding which documents are required for freshman and transfer students can be found on our International Applicants page: admissions.ucf.edu/apply/international.

- UCF admission application with the required \$30.00 non-refundable application fee (credit card or e-check online, check or money order in U.S. currency). The online application is available on our website at admissions.ucf.edu. First-Time-In-College (FTIC) students can also apply using the Common Application at <http://www.commonapp.org>.
- Students who attend/have attended an international secondary school must submit official transcripts, graduation certificates, and/or exam results of all secondary work to UCF. If you have questions regarding required documentation, please refer to the reference guide by country at: ucf.edu/admissions/undergraduate/wp-content/uploads/sites/4/2018/11/Intl-Secondary-School-Credentials-Country-Reference-Guide-v.-1.0.pdf. All documentation submitted in a language other than English must be accompanied by a literal translation performed by a certified translator at the issuing institution, government agency, or by a translator certified by the American Translators Association https://www.atanet.org/clients/client_certified_translation.php.
- Official AP, IB, AICE, CLEP, CAPE, and GCE A/AS Level score reports for exams taken. CAPE and GCE AS/A-Level examinations results, not granted by Cambridge Assessment International Education, will need to be submitted for evaluation by one of these agencies: Josef Silny & Associates or World Education Services.
- If the student has attended any international universities, an English translation and evaluation of work completed at each institution will be necessary. Transcripts should be sent to one of the agencies below for a course-by-course evaluation. Please note that if 60 or more transferable credit hours have been earned at a post-secondary institution, it will not be necessary to submit the secondary school records and SAT/ACT scores. In specific instances, for applicants with 30 to less than 60 transferable credit hours, it may also be unnecessary to submit these documents as well. Please go to admissions.ucf.edu/30-or-more-fewer-than-60 for more information.
- Demonstrated English proficiency can be evidenced by one of the following:
 - proof that the student is from a country where English is the **only** official language
 - establishing that a prior bachelor's, master's or doctoral degree was earned from an accredited

institution of higher education (meeting university transfer eligibility requirements) in the United States

- establishing that a prior bachelor's, master's or doctoral degree was earned from a country where English is the only official language, or a university at which English is the only official language of instruction
- submitting a qualifying score on the Test of English as a Foreign Language (TOEFL) or International English Language Testing System (IELTS). Qualifying scores for undergraduate applicants are a TOEFL computer-based score of 220, a TOEFL internet-based score of 80, a TOEFL paper-based score of 550, or an IELTS score of 6.5
- presenting a minimum 520 EBRW rSAT score or 480 Critical Reading SAT or 20 ACT (English section)
- completion of 4 years of English at a secondary school in the U.S.
- completion of the English Language Institute's (ELI) level 8 or higher with a grade of a "B" or better
- completion of EAP 2851 with a grade of a "C" or better or placement into ENC 1101
- an onsite assessment by UCF ELI faculty qualified to administer English proficiency assessment and determining that the student is English proficient at the university level
- Results of the SAT Reasoning Test, redesigned SAT (rSAT), or ACT will be required if the student has earned less than 30 credit hours of college credit and may be required if the student has earned at least 30 but less than 60 transferrable semester hours. Information regarding these examinations may be obtained from the College Board (SAT) at <http://www.collegeboard.org> (UCF code: 5233) or from ACT at <http://www.act.org> (UCF code: 0735). While there are no specific minimum score requirements for these examinations for admission, they are used in conjunction with other required credentials, and students should prepare sufficiently to achieve the highest possible score on these exams.

F-1 applicants must complete and submit required financial and immigration documents with **UCF Global** by the term specific deadline, including financial documents indicating financial support to cover educational and other expenses for the first year of study. These documents can be found online at <https://global.ucf.edu/international-students-scholars-%20and-professionals/international-admissions/undergraduate/>.

Educational Translations and Evaluations

Foreign diplomas must meet the requirements specified in Florida Statutes, section 229.814. UCF will accept evaluations of academic credit from these agencies:

Josef Silny and Associates **World Education Services**

<http://www.jsilny.org>

<http://www.wes.org>

Mandatory Health Insurance for International Students on F and J Visas

Each international student on a F or J visa offered admission and dependents of J visa students shall, prior to registration for classes, submit proof of required health insurance coverage to UCF Student Health Services to comply with the State of Florida mandatory health insurance requirement for F and J students. Minimum coverage limits are posted on the Student Health Services website at studenthealth.ucf.edu. Use the link for International Students that directs you to information specific to the UCF-endorsed health insurance plan that meets all the State of Florida requirements. Proof of insurance coverage must be submitted to Student Health Services via the online submission system and may not be submitted via email.

The University reserves the right to refuse registration to any international student on F or J visa who fails to comply with this insurance requirement or who is unable to supply satisfactory proof of insurance. The University also reserves the right to withdraw from classes any international student who fails to maintain insurance coverage, cancels insurance coverage while still enrolled as a student, or avoids in any way the responsibility to comply with the insurance requirement. For questions, call UCF Student Health Services at 407-823-6295 or go to their website noted above.

Limited Access Programs

Admission to the University does not guarantee admission to a limited access program. Some majors at the University limit the number of students who may enroll. Limited access status occurs when student demand exceeds available resources (e.g., faculty, instructional facilities, equipment) or when specific accrediting requirements apply. Criteria for admission are selective and include indicators of ability and indicators of performance, creativity, or talent to complete required work within the program.

Non-Academic Admission Clearances

Florida Board of Governors Regulation 6.001 (7) authorizes universities to refuse admission to applicants due to past misconduct. The University further requires the Vice President For Student Development and Enrollment

Services or his/her designee to review all applications disclosing information regarding any prior criminal conviction or conduct problem at another institution and to make a decision as to whether the admission of this applicant will be in the best interest of the University. This statement describes the procedure and assigns responsibility for the review of these applications for admission. Applicants who fail to disclose any prior criminal conviction or conduct problem at another institution and such fact is subsequently discovered by the University, shall be denied admission or readmission, or may receive any other academic and/or disciplinary action prescribed by the University, including but not limited to academic dismissal.

Orientation

All first-time undergraduate degree-seeking students are required to attend orientation prior to enrollment. Orientation information is emailed to all FTIC students offered admission who have submitted their enrollment deposit and to all transfer students offered admission to the University. Information regarding orientation may also be viewed on the website at orientation.ucf.edu.

Transfer Credit: All Applicants

All grades from an accredited institution of higher education (meeting university transfer eligibility requirements) in transfer courses that are normally part of a baccalaureate degree program are shown on the student's permanent UCF record. Effective Fall 2001, the University recognizes a grading system of plus or minus. In addition, grade forgiveness is honored only if it has been awarded as part of an AA or a specific statewide articulated AS degree from a Florida public institution. Credit is not awarded based on job descriptions, life experience, course work that is non-academic, or transfer course work from within a baccalaureate degree earned from an accredited institution of higher education that does not meet university transfer eligibility requirements.

Accredited Institutions

For the purposes of this Undergraduate Catalog, "Accredited Institutions" means those colleges and universities accredited by any of the following seven associations:

- Middle States Commission on Higher Education (MSCHE)
- New England Association of Schools and Colleges, Commission on Institutions of Higher Education (NECHE)
- North Central Association of Colleges and Schools, Higher Learning Commission (HLC)
- Northwest Commission on Colleges and Universities (NWCCU)
- Southern Association of Colleges and Schools Commission on Colleges (SACSCOC)
- Western Association of Schools and Colleges, Accrediting Commission for Community and Junior Colleges (ACCJC)
- Western Association of Schools and Colleges, Senior College and University Commission (WSCUC)

The accreditation status of all foreign institutions **must** be evaluated through either Josef Silny and Associates, Inc. or World Education Services.

All college-level credits earned for which official transcripts or evaluations have been submitted will be compiled into the Transfer Credit Evaluations page in the myUCF portal. Some transfer credit may not be applicable toward graduation course requirements. The Transfer Credit Evaluations page will be the basis for constructing a Degree Audit, which applies earned credits to the intended degree program. The Degree Audit provides the student with an assessment of which degree requirements have been met and what remains to be satisfied. Although all college-level course work transferred from an accredited institution of higher education (meeting university transfer eligibility requirements) or the equivalent on an international evaluation from WES or JS&A is shown on the Transfer Credit Evaluations page and the UCF transcript, applicability of the course toward a degree requirement **is determined by the college/school/department of the major that owns the course.**

General Education Transfer Credits

Transfer students from a Florida College System institution or state university may satisfy the General Education Program requirements of UCF by completing the general education program prescribed by that institution. Transfer applicants with incomplete general education programs will have their credits evaluated on a course-by-course basis.

Transfer courses from a Florida state institution must have been Gordon Rule eligible at that institution during the semester when the course was taken. Transfer courses from out-of-state and private institutions must be evaluated for equivalency to a UCF Gordon Rule course.

When the transfer course work is evaluated for equivalency (usually during the first semester at UCF), course descriptions and other information to provide a sufficient basis for evaluation may be requested. Substitution requests for college or major requirements are to be submitted to the college advising office.

Credits from Private and Out-of-State Institutions

Transfer credit from private junior and senior colleges and out-of-state institutions will be evaluated on a course-by-course basis. Each student must submit the necessary petition(s) to the appropriate college/school/department of the major that owns the course to determine which courses will transfer with regard to degree progress at UCF. Transfer courses that meet the requirements of the General Education Program and the Gordon Rule are determined through the process described in the "Undergraduate Degree Requirements" chapter of this Undergraduate Catalog. Petition procedures vary by college. Generally, the petitioning of transfer courses for satisfaction of college and major requirements should be done during the second full term of the student's residency at UCF, so that the accepted transfer courses are understood clearly by the student and the faculty advisor early in the student's tenure at UCF.

Credits from Military Service School Courses

Completed military service school courses may be evaluated on the basis of the recommendations of the American Council of Education (ACE) when official credentials have been properly presented. While credit may be granted when courses are equivalent to those offered by the University, recommendations by the ACE are not binding upon the University. Even though military records may have been evaluated by another accredited institution of higher education (meeting university transfer eligibility requirements), it is important to have official credentials sent to UCF for evaluation. Credit is not awarded for basic training. More information about Special Provisions for Veterans and Active Duty Military Students can be found [here](#).

Undergraduate Degree Requirements

Admission to the Upper Division

To be classified as an upper division student at the University of Central Florida, a student must complete the following:

1. A minimum of 60 credit hours of academic work;
2. The English and mathematics requirements of the Gordon Rule;
3. One year of college instruction in a single foreign language. (This requirement applies to those students admitted to the University without the required two units of foreign language in high school.)

Choice of Catalog Year and Continuous Enrollment

Choice of Catalog Year and Continuous Enrollment

A student must graduate under the degree requirements of any UCF Undergraduate Catalog in effect since the student began

continuous enrollment at UCF. However, courses may change (for example, in credit hours or in prerequisites) or be discontinued

as a result of curricular review. New Catalog policies and requirements take effect with the Summer term. A student transferring

from Florida College System institutions or state universities may use the UCF Undergraduate Catalog in effect at the time he or

she began the most recent period of continuous enrollment in academic good standing at any of the Florida public institutions.

Continuous enrollment is defined as being enrolled in classes without a break of two or more consecutive regular semesters/terms

(i.e., Fall and Spring, or Spring, Summer, and Fall). Continuous enrollment is automatically broken when a student moves from

one transfer institution to another following academic disqualification or exclusion.

Students who change majors between different colleges must adopt the most current Catalog. Additional information is included

in the program descriptions. Students pursuing a single degree (including double majors and/or minors) must use a single catalog

and cannot use a combination of catalogs for graduation. In cases when required courses are no longer taught by the University,

the appropriate department, college, or Academic Services (Millican Hall 210) may designate a reasonable substitute. If a student

desires to change the catalog for graduation, the student should first discuss with the advisors how such a change would affect

University, college, and major requirements. If a student decides to request a change, he or she must submit a "Catalog Year

Change Request Form" to the Registrar's Office (Millican Hall 161). This form is available at the Registrar's Office or online at

registrar.ucf.edu

Civic Literacy Requirement

All baccalaureate degree-seeking students who initially entered a state university in fall semester 2018 and thereafter must meet the State of Florida's civic literacy requirement, pursuant to Board of Governors' policy 8.006. Students are required to demonstrate competency in civic literacy through one of the following options prior to graduation from the University of Central Florida:

1. Successfully passing either POS 2041 (American National Government) or AMH 2020 (U.S. History:1877-Present).
2. Achieving the standard score on one of the following assessments:

- a. U.S. Citizenship and Immigration Services Naturalization Test – Civics (U.S. history and government) with supplemental questions, minimum score of 60; or
- b. Advanced Placement Government and Politics: United States, minimum score of 3; or
- c. Advanced Placement United State History, minimum score of 4; or
- d. CLEP American Government, minimum score of 50.

Each of the specified options was selected by the State University System's Board of Governors to meet the following competencies:

- Understanding of the basic principles and practices of American democracy and how they are applied in our republican form of government;
- An understanding of the United States Constitution and its application;
- Knowledge of the founding documents and how they have shaped the nature and functions of our institutions of self-government; and
- An understanding of landmark Supreme Court cases, landmark legislation, and landmark executive actions and their impact on law and society.

Double Majors

A student may earn one degree, a BA or BS, with two majors, by completing the requirements for both majors. If both majors are within the same college and are of the same degree type (BA or BS), both majors will be indicated on the diploma; however, if the majors are from different colleges or are of different degree types, only one major will appear on the diploma. Students earning a double major must use the same Catalog year for both majors.

Exit Exams

In order to measure their effectiveness, some departments and colleges may require graduating students to participate in an exit exam designed to measure the students' understanding of the discipline.

Foreign Language Proficiency Requirement (Bachelor of Arts Degree)

Students graduating with a Bachelor of Arts degree must demonstrate proficiency in a foreign language equivalent to one year of college instruction. This requirement may be met either by successful completion of the appropriate college-level course or by examination. Languages that may be used include those taught at UCF and any others for which the University can obtain standardized proficiency tests. Students who have previously received a baccalaureate degree are exempt from this requirement. Native speakers or students who have completed appropriate advanced foreign language education abroad will be considered to have satisfied the requirement.

Placement in Language Courses

Placement in foreign language courses is based on one year of high school language being equivalent to one semester of college work. For example, four years of one high school foreign language place the student in the first semester of the third year.

Several departments, colleges, and schools have additional requirements. See "Special College and/or Departmental Requirements" within each listing.

1. This requirement is for proficiency and not a requirement for a particular number of hours of course work. For example, successful completion of only SPN 1121C - Elementary Spanish Language and Civilization II would satisfy the B.A. requirement. Appropriate scores on Advanced Placement and CLEP examinations will also satisfy the requirement.
2. This is a University-wide requirement for all B.A. majors.
3. The Testing Administrator of the University Testing Center will offer the Foreign Language Proficiency Examination throughout each term. Students must register in advance with that office to take the examination (HPH 106).
4. The foreign language proficiency requirement does not apply to students seeking a second baccalaureate degree.
5. A student who is required and furnishes a passing TOEFL (Test of English as a Foreign Language) score for admission to the University is considered to have satisfied the requirements.

American Sign Language

Students pursuing a Bachelor of Arts Degree may substitute American Sign Language for the foreign language exit requirement, except where one or more foreign languages have been specified by a college, school, or program for a specific degree (see individual degree program listings for more information). Proficiency is met either by successful completion of ASL 2150 or an appropriate score on the ASL proficiency exam. Contact the Department of Communication Sciences and Disorders regarding the proficiency examination.

General Education Program (GEP)

The purposes of the UCF General Education Program (GEP) are to introduce students to a broad range of human knowledge and intellectual pursuits, to equip them with the analytic and expressive skills required to engage in those pursuits, to develop their ability to think critically, and to prepare them for life-long learning. The GEP curriculum provides students with the intellectual, ethical, and aesthetic foundations necessary to make informed choices; to accept the responsibilities of working and living in a rapidly changing world; and to lead a productive and satisfying life.

Undergraduate students who have not completed requirements for the Associate of Arts degree and who desire to transfer to another Florida public university can have their transcripts indicate "General Education Requirements Met" upon written request, if they have completed UCF's GEP requirements with a GPA of 2.0 or better. UCF will accept a similar statement on transcripts received from Florida College System institutions and universities in lieu of completion of the University's General Education Program. Students enrolled in courses that use the "NC" grade must earn a grade of "C-" (1.75) or better.

General Education Program Learning Objectives

Communications Foundation

- Demonstrate the ability to analyze the situational characteristics of a communication act: audience, purpose, and source/author.
- Demonstrate the ability to understand communication and speaking skills.
- Demonstrate the ability to write in a clear, logical and appropriate manner.
- Demonstrate the ability to research academic topics and present the synthesis of that research: 1) in speech with appropriate citations; and 2) in texts with correct documentation.
- Demonstrate an awareness of diversity in American society.

Cultural and Historical Foundation

- Be able to gather, synthesize, and analyze information from appropriate resources and be able to critically evaluate information and sources for accuracy and credibility.
- Identify and deepen appreciation of common human themes and the richness of diverse cultures.
- Be able to analyze and discuss meaning of an artwork, performance, or text in diverse aesthetic, historical and cultural contexts.
- Demonstrate knowledge and critical thinking of the concepts, styles, and aesthetic, theoretical, and critical principals in an art.
- Demonstrate knowledge of the chronology and significance of major events and movements in western civilization, U.S. history or world civilization.

Mathematical Foundation

- Demonstrate the skills needed to solve quantitative problems including choosing the proper technique and/or technology.
- Be able to solve real-world quantitative problems.
- Demonstrate qualitative understanding of mathematical, statistical, and computing concepts.
- Demonstrate knowledge and understanding of essential computing concepts common to academic degrees and their related professions.
- Demonstrate essential computing skills common to academic degrees and their related professions, and in particular, skills relating to professional use of computers and application software.

Social Foundation

- Be able to gather and synthesize information from appropriate resources, and be able to evaluate information and sources for accuracy and credibility.
- Understand how an individual's place in the world is affected by social, economic, and political institutions.
- Gain a deeper appreciation of one's role and potential impact in social, economic, and political institutions.
- Demonstrate an understanding of the interaction among social, economic, and political structures and functions.
- Understand how individuals behave and interact with other individuals in their psychological, political, economic and social environments.

Science Foundation

- Demonstrate an understanding of science as an empirical attempt to acquire information about the real world, develop possible explanations of these phenomena, and test the explanations by predicting the outcome of future observations.
- Demonstrate an ability to assess the extent to which claims presented as "scientific" satisfy the empirical character of scientific explanations.
- Demonstrate understanding of scientific knowledge and problem solving in a physical or life science.

General Education Alternate Courses:

- Substitutions for designated State General Education Core Courses (♦): Courses that may be taken in substitution of State General Education Core Courses (♦) are listed in the General Education Program (GEP) Courses.

Mathematical Foundation: MAC 1114C, MAC 1140C

(Some majors require a specific course or a higher level course in some areas. Consult your major requirements and advisor.)

Satisfactorily complete one course in each of the twelve numbered areas: 36 hours

At least one course completed in each Foundation area must be a designated State General

Education Core Course (♦)

Communication Foundations (9 Credit Hours) Area 1 General Education Core Course(s)

- ENC 1101 - Composition I **Credit Hours: 3** (1, 2 ♦)

Area 2

- ENC 1102 - Composition II **Credit Hours: 3** (1, 2)

Area 3

- SPC 1608 - Fundamentals of Oral Communication **Credit Hours: 3**
- SPC 1603C - Fundamentals of Technical Presentations **Credit Hours: 3**
- COM 1000 - Introduction to Communication **Credit Hours: 3**

Cultural & Historical Foundations (9 Credit Hours) Area 1 General Education Core Course(s)

- HUM 2020 - Encountering the Humanities **Credit Hours: 3** ♦

Other Courses

- EUH 2000 - Western Civilization I **Credit Hours: 3** (2)
- EUH 2001 - Western Civilization II **Credit Hours: 3** (2)
- HUM 2210 - Humanistic Tradition I **Credit Hours: 3** (2)
- HUM 2230 - Humanistic Tradition II **Credit Hours: 3** (2)
- AMH 2010 - U.S. History: 1492-1877 **Credit Hours: 3** (2)
- WOH 2012 - World Civilization I **Credit Hours: 3** (2)
- WOH 2022 - World Civilization II **Credit Hours: 3** (2)

Area 2 General Education Core Course(s)

- MUL 2010 - Enjoyment of Music **Credit Hours: 3** ♦
- THE 2000 - Theatre Survey **Credit Hours: 3** ♦
- PHI 2010 - Introduction to **Credit Hours: 3** ♦

Other Courses

- ANT 2410 - Cultural Anthropology: Global Perspectives, Local Contexts **Credit Hours: 3**
- ARH 2050 - History of Western Art I **Credit Hours: 3**
- ARH 2051 - History of Western Art II **Credit Hours: 3**
- FIL 1000 - Cinema Survey **Credit Hours: 3**
- REL 2300 - World Religions **Credit Hours: 3**
- LIT 2110 - World Literature I **Credit Hours: 3** 2
- LIT 2120 - World Literature II **Credit Hours: 3** 2
- FIL 2030 - History of Motion Pictures **Credit Hours: 3**
- FIL 3036 - Film History I **Credit Hours: 3**
- FIL 3037 - Film History II **Credit Hours: 3**
- MUH 2017 - Survey of Rock Music **Credit Hours: 3**
- MUH 2019 - American Popular Music, 1840s-present **Credit Hours: 3**
- MUL 2016 - Evolution of Jazz **Credit Hours: 3**
- MUL 2720 - Music of the World **Credit Hours: 3**

Area 3

Take one additional course from either Cultural and Historical Foundation, Area 1 or 2. Consider that some courses also partially satisfy the Gordon Rule requirement.

Mathematical Foundation (6 Credit Hours) Area 1 General Education Core Course(s)

- MAC 1105C - College Algebra **Credit Hours: 3** (2 ♦)
- MAC 2311C - Calculus with Analytic Geometry I **Credit Hours: 4** (2 ♦)
- MGF 1106 - Finite Mathematics **Credit Hours: 3** 2 ♦

- MGF 1107 - Explorations in Mathematics **Credit Hours: 3 2 ♦**

Area 2

General Education Core Course(s)

- STA 2023 - Statistical Methods I **Credit Hours: 3 (2 ♦)**

Other Courses

- CGS 1060C - Introduction to Computers **Credit Hours: 3 2**
- STA 2014 - Principles of Statistics **Credit Hours: 3 2**
- CGS 2100C - Computer Fundamentals for Business **Credit Hours: 3**
- COP 2500C - Concepts in Computer Science **Credit Hours: 4**
- COP 3502C - Computer Science I **Credit Hours: 3**
- COT 3100C - Introduction to Discrete Structures **Credit Hours: 3**
- STA 3032 - Probability and Statistics for Engineers **Credit Hours: 3**

Social Foundation (6 Credit Hours)

Area 1

General Education Core Course(s)

- ANT 2000 - General Anthropology **Credit Hours: 3 ♦**
- PSY 2012 - General Psychology **Credit Hours: 3 ♦**
- SYG 2000 - Introduction to Sociology **Credit Hours: 3 ♦**
- HSA 2117 - Civic Engagement in the US Healthcare System **Credit Hours: 3**

Area 2

General Education Core Course(s)

- AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3 2 ♦**
- ECO 2013 - Principles of Macroeconomics **Credit Hours: 3 ♦**
- POS 2041 - American National Government **Credit Hours: 3 ♦**

Other Courses

- ECO 2023 - Principles of Microeconomics **Credit Hours: 3**

Science Foundation (6 Credit Hours)

Area 1

General Education Core Course(s)

- AST 2002 - Astronomy **Credit Hours: 3 ♦**
- PHY 2020 - Concepts of Physics **Credit Hours: 3 ♦**
- PHY 2053C - College Physics I **Credit Hours: 4 ♦**
- PHY 2048C - General Physics Using Calculus I **Credit Hours: 4 ♦**
- CHM 1020 - Concepts in Chemistry **Credit Hours: 3 ♦**
- CHM 2045C - Chemistry Fundamentals I **Credit Hours: 4 ♦**

Other Courses

- PSC 1121 - Physical Science **Credit Hours: 3**
- CHS 1440 - Principles of Chemistry **Credit Hours: 4**
- CHM 1032 - General Chemistry **Credit Hours: 3**
- PHY 1038 - Physics of Energy, Climate Change and Environment **Credit Hours: 3**

Area 2 General Education Core Course(s)

- BSC 1005 - Biological Principles **Credit Hours: 3 * ♦**
- BSC 2010C - Biology I **Credit Hours: 4 ♦**
- EVR 1001 - Introduction to Environmental Science **Credit Hours: 3 ♦**

Other Courses

- GLY 1030 - Geology and its Applications **Credit Hours: 3**
- GEO 1200 - Physical Geography **Credit Hours: 3**
- ANT 2511 - The Human Species **Credit Hours: 3**
- MCB 1310 - Introduction to Biotechnology and Genetic Engineering **Credit Hours: 3**

- GEO 2370 - Resources Geography **Credit Hours: 3**
- MET 2104 - The Earth's Climate **Credit Hours: 3**
- GLY 2038 - Environmental Geoscience **Credit Hours: 3**

Total Credit Hours: 36

* A one credit laboratory is also available for this course.

+ Both courses must be taken in sequence and successfully completed to receive GEP credit.

1 A grade of "C-" (1.75) or better is required in this course.

2 A grade of "C-" (1.75) or better satisfies three hours of the Gordon Rule requirement.

Diversity Requirement

The University recognizes that communities are comprised of, and enriched by, people of diverse backgrounds. The study of diversity is encouraged to promote an understanding of the needs of individuals, the University, and society. Thus, all students completing their first bachelor's degree from UCF must complete at least one course that explores the diverse backgrounds and characteristics found among humans, including: race/ethnicity, gender, social class/caste, religion, age, sexual orientation, and level of physical ability.

Students are exempt from this requirement if they have completed an Associate of Arts degree or the General Education Program at a Florida College System institution or public state university. Students who have previously completed a baccalaureate degree also are exempt.

The requirement is satisfied by the successful completion of a diversity course selected from the following list. Additional courses may be approved subsequently by the Common Program Oversight Committee, so students should consult their departmental advisor for the most current listing.

Diversity Requirement Courses

Transfer work from other colleges and universities is evaluated by the student's major department to determine if courses meet the diversity requirement. Satisfaction of this requirement remains in effect if the student changes majors.

Diversity Requirement Courses

General Education Courses:

SPC 1608 - Fundamentals of Oral Communication Credit Hours: 3

SYG 2000 - Introduction to Sociology Credit Hours: 3

ANT 2000 - General Anthropology Credit Hours: 3

POS 2041 - American National Government Credit Hours: 3

PSY 2012 - General Psychology Credit Hours: 3

WOH 2022 - World Civilization II Credit Hours: 3

LIT 2120 - World Literature II Credit Hours: 3

MUL 2720 - Music of the World Credit Hours: 3

Other Courses:

AMH 3422 - Frontier Florida Credit Hours: 3

AMH 3425 - Sunbelt Florida Credit Hours: 3

AMH 3562 - Women in American History II Credit Hours: 3

AML 3283 - Contemporary American Women's Fiction Credit Hours: 3

AML 3615 - Harlem, Haiti, and Havana Credit Hours: 3

AML 3682 - Ethnic Literature in America Credit Hours: 3

ANT 3245 - Native American Religions Credit Hours: 3

ANT 4408 - Culture, Disease, and Healing Credit Hours: 3

ANT 4480 - Global Health in Anthropological Perspective Credit Hours: 3

ARH 3670 - 20th Century Latin American Art Credit Hours: 3

ARH 4871 - Women in Art Credit Hours: 3

ASH 4304 - Women in China Credit Hours: 3
 CCJ 4129 - Cultural Diversity in Criminal Justice Credit Hours: 3
 CCJ 4670 - Women and Crime Credit Hours: 3
 CJE 4174 - Comparative Justice Systems Credit Hours: 4
 COM 4014 - Gender Issues in Communication Credit Hours: 3
 COM 4461 - Intercultural Communication Credit Hours: 3
 CPO 3034 - Politics of Developing Areas Credit Hours: 3
 EDF 2085 - Introduction to Diversity for Educators Credit Hours: 3
 GEO 3471 - World Political Geography Credit Hours: 3
 HUM 2230 - Humanistic Tradition II Credit Hours: 3
 HUM 3423 - African Humanities Credit Hours: 3
 HUM 4826 - Postcolonial Theory Credit Hours: 3
 HUM 4459 - American Cultural Studies in Humanities Credit Hours: 3
 JST 3401 - Jewish People in Antiquity Credit Hours: 3
 JST 3402 - Wanderings: The Jewish People in Dispersion Credit Hours: 3
 LIN 4615 - African-American Styles of Communication
 LIN 4643 - Cross Cultural Communication
 LIT 3192 - Caribbean Literature Credit Hours: 3
 MMC 4300 - International Media Credit Hours: 3
 NUR 3805 - Dimensions of Professional Nursing Practice Credit Hours: 3
 PAD 4446 - Multiculturalism in Public Administration Credit Hours: 3
 PLA 4020 - Law and Society Credit Hours: 3
 PLA 4830 - World Legal Systems Credit Hours: 3
 PLA 4472 - Employment Discrimination Law Credit Hours: 3
 POS 3627 - Cultural Pluralism and Law
 PUP 3325 - Women and Political Behaviors
 POS 4622 - Politics and Civil Rights Credit Hours: 3
 PUP 3314 - Minorities in American Politics Credit Hours: 3
 PUP 3204 - Sustainability Credit Hours: 3

 REL 2300 - World Religions Credit Hours: 3
 SOW 3620 - Culturally Competent Social Work Practice Credit Hours: 3
 SPA 4478 - Multicultural Aspects of Communication Disorders & Differences Credit Hours: 3
 SPW 4772 - Black Presence in Contemporary Latin American Literature
 SYD 3800 - Sex and Gender in Society Credit Hours: 3
 SYP 4732 - Minority Aging Credit Hours: 3
 THE 4230 - Cultural Diversity in Theater Credit Hours: 3
 WST 3561 - Third Wave Feminisms Credit Hours: 3
 WST 3015 - Introduction to Women's Studies Credit Hours: 3

Transfer work from other colleges and universities is evaluated by the student's major department to determine if courses meet the diversity requirement. Satisfaction of this requirement remains in effect if the student changes majors.

Graduation Application Deadline

Students must complete the "Intent to Graduate" online at my.ucf.edu in the term preceding the one in which they intend to graduate (see the "Academic Calendar" for specific dates). Students who have not applied for graduation by the last day of classes in the term preceding the graduation term may not be listed in the Commencement Program. Graduates may contact the Registrar's Office for Commencement ceremony and guest ticket information or refer to commencement.ucf.edu.

Successful completion of the degree requirements stated in the Undergraduate Catalog under which the student plans to graduate shall constitute a recommendation of the respective college faculty that the degree be awarded, assuming the student is in good standing at the University. A student must complete all requirements for a baccalaureate or graduate degree no later than the date of the Commencement. A student **may not be** enrolled as a transient student in another institution during the term in which the baccalaureate degree or the Associate of Arts degree is to be awarded.

More Than Two Majors, or More Than Two Degrees, or a Combination

Students attempting multiple majors or degrees beyond two must consult with the Registrar's Office for coordination among degree programs. Responsibility for doing so rests with the student. The stipulations for two majors and/or two degrees will apply as well as other minimum amount of hours and prohibitions about combinations.

Graduates from an accredited institution of higher education (meeting university transfer eligibility requirements) who apply for admission to work toward a second baccalaureate degree at UCF must meet the regular admission requirements of the major department and the UCF residency requirement of 30 additional credit hours for that degree. Students holding the baccalaureate degree from an accredited institution of higher education (meeting university transfer eligibility requirements) are considered to have completed Gordon Rule, foreign languages, and General Education Program Requirements. Students who hold degrees from an accredited institution of higher education that does not meet university transfer eligibility requirements and foreign institutions may be required by the Office of Academic Services (Millican Hall 210) to fulfill all or part of the UCF General Education Program requirements as stipulated in the UCF Undergraduate Catalog.

The University requirements specified in the preceding paragraphs are minimum requirements. Departments and colleges may require more than 150 credit hours for a second degree or more than 30 credit hours to be taken in residence at UCF. Students should confirm department, school, and college requirements with their academic advisors.

Requirements for Graduation

Students must fulfill both the requirements for a major and University requirements to receive a bachelor's degree from the University of Central Florida. The student must:

- Fulfill the requirements for the chosen major;
- Earn a minimum of 120 unduplicated credit hours with at least a "C" average (2.0 GPA) for all UCF course work attempted. Some majors require more than 120 hours;
- Earn at least 42 of these 120 credit hours in 3000-level courses or above (upper-division);
- Earn a minimum of 30 of their last 39 hours in regular courses at UCF. Credit by Examination may not be used to satisfy this requirement;
- Earn a minimum of 25% of the total hours required for the degree in residence at UCF. For programs that require the minimum of 120 total hours, residency will be 30 hours. For programs that exceed 120 hours, the specific residency requirement increases proportionally and is listed with the requirements for the specific degree program;
- Apply no more than 45 credit hours in any combination of extension, correspondence, CLEP, University Credit by Examination and Armed Forces credits toward an undergraduate degree;
- Fulfill the General Education Program requirements;
- Fulfill the Gordon Rule requirements;
- Fulfill the Foreign Language requirements as defined elsewhere in this section; and,
- Earn a minimum of nine credit hours during Summer terms, if applicable.

Degrees Awarded Posthumously

Students will be considered for posthumous degrees by the Commencement and Convocations Committee if they are in good academic standing at the time of their death, have a 2.0 GPA or better and have completed 75% of the requirements for the degree.

Summer Attendance Requirement

A student entering the State University System with fewer than 60 credit hours of credit is required to enroll in a minimum of nine hours of credit in the summer at a State of Florida university. Petition forms for exemption are available from the Academic Services website: [Summer Waiver - Academic Petitions](#).

SUS Foreign Language Admission Requirement

Students who have not satisfied the Foreign Language Admission Requirement (competency of foreign language or American Sign Language equivalent to the second high school level or higher [Spanish 2, Haitian Creole 2, etc.] or at the elementary 2 level in one foreign language or American Sign Language at an undergraduate institution) at the time they are admitted to the University must satisfy this requirement **prior** to graduation. This requirement applies to all undergraduates and is separate from the UCF Foreign Language proficiency requirement.

The Gordon Rule

The Gordon Rule (State Rule 6A-10.30) applies to students who first enrolled in any college or university after October 1982. The rule requires students to complete four courses (twelve credit hours) of writing and to complete two courses (six credit hours) of mathematics at the level of college algebra or higher. Each course must be completed with a minimum grade of "C-" (1.75). Courses eligible to satisfy the Gordon Rule requirement must be on the approved list at the time the course is completed.

Gordon Rule classes are applied to the requirement based on the term in which they were taken. If a course was not on the Gordon Rule list in the catalog year in which it was taken, it cannot be used toward the requirement. The Gordon Rule eligibility of a course is independent of a student's catalog year.

Use of Transfer Courses for Gordon Rule: Transfer courses from a Florida state institution must have been Gordon Rule eligible at that institution during the semester when the course was taken. Transfer courses from out-of-state and private institutions must be evaluated for equivalency to a UCF Gordon Rule course.

UCF courses that are required by the General Education Program also may be used to satisfy the Gordon Rule. Honors sections of the following courses will also satisfy this requirement. Gordon Rule requirements may be satisfied by the General Education Program as follows:

Gordon Rule Requirement:

1. Six hours of mathematics at the level of college algebra or higher

GEP Courses Which Satisfy:

Three hours of College Algebra or Finite Math AND Three hours of Statistics or Computer Science
OR Six hours in College Algebra or Finite Math

Any 3000-level or above course in mathematics, statistics, or computer science also may be used toward fulfillment of the above requirements.

2. Six hours of English coursework and Six hours of additional college-level writing courses

(1) Six hours of English Composition
(2) Six hours of specifically identified courses from the following list:

Gordon Rule Writing Requirement Courses

General Education courses that apply to the Gordon Rule Writing Requirement:

- ENC 1101 - Composition I **Credit Hours: 3**
- ENC 1102 - Composition II **Credit Hours: 3**
- LIT 2110 - World Literature I **Credit Hours: 3**
- LIT 2120 - World Literature II **Credit Hours: 3**
- AMH 2010 - U.S. History: 1492-1877 **Credit Hours: 3**
- AMH 2020 - U.S. History: 1877-Present **Credit Hours: 3**
- EUH 2000 - Western Civilization I **Credit Hours: 3**
- EUH 2001 - Western Civilization II **Credit Hours: 3**
- HUM 2210 - Humanistic Tradition I **Credit Hours: 3**
- HUM 2230 - Humanistic Tradition II **Credit Hours: 3**
- MUL 2010 - Enjoyment of Music **Credit Hours: 3**
- THE 2000 - Theatre Survey **Credit Hours: 3**
- WOH 2012 - World Civilization I **Credit Hours: 3**
- WOH 2022 - World Civilization II **Credit Hours: 3**

Non-Gen Ed courses that also apply to the Gordon Rule Writing Requirement:

American History

- AMH 2010H - Honors U.S. History: 1492-1877 **Credit Hours: 3**
- AMH 3402 - History of the South to 1865 **Credit Hours: 3**
- AMH 3403 - History of the South Since 1865 **Credit Hours: 3**
- AMH 3441 - History of the Frontier: Eastern America **Credit Hours: 3**
- AMH 3442 - History of the Frontier: Western America **Credit Hours: 3**
- AMH 3541 - U. S. Military History To 1900 **Credit Hours: 3**
- AMH 3561 - Women in American History I **Credit Hours: 3**
- AMH 3571 - Black American History I **Credit Hours: 3**
- AMH 3580 - North American Indians **Credit Hours: 3**

- AMH 3800 - Canadian History **Credit Hours: 3**
- AMH 4110 - Colonial America, 1607-1763 **Credit Hours: 3**
- AMH 4130 - The Age of the American Revolution, 1763-1789 **Credit Hours: 3**
- AMH 4140 - Jeffersonian America **Credit Hours: 3**
- AMH 4160 - Jacksonian America **Credit Hours: 3**
- AMH 4201 - The Gilded Age and Progressivism **Credit Hours: 3**
- AMH 4231 - United States History: 1914-1939 **Credit Hours: 3**
- AMH 4270 - United States History: 1939-1960 **Credit Hours: 3**
- AMH 4644 - Viewing American History in the Twentieth Century **Credit Hours: 3**

American Literature

- AML 3031 - American Literature I **Credit Hours: 3**
- AML 3041 - American Literature II **Credit Hours: 3**
- AML 3283 - Contemporary American Women's Fiction **Credit Hours: 3**
- AML 3286 - Early American Women's Words **Credit Hours: 3**
- AML 3613 - Narratives of Slavery **Credit Hours: 3**
- AML 3614 - Topics in African-American Literature **Credit Hours: 3**
- AML 3615 - Harlem, Haiti, and Havana **Credit Hours: 3**
- AML 3640 - Native American Literature **Credit Hours: 3**
- AML 3643 - Contemporary Native American Prose and Poetry **Credit Hours: 3**
- AML 3682 - Ethnic Literature in America **Credit Hours: 3**
- AML 3682H - Honors Ethnic Literature in America **Credit Hours: 3**
- AML 4101 - American Novel **Credit Hours: 3**
- AML 4153 - American Poetry at Mid-Century
- AML 4155 - Modern American Poetry **Credit Hours: 3**
- AML 4261 - Literature of the South **Credit Hours: 3**
- AML 4265 - Florida Writers **Credit Hours: 3**
- AML 4300 - Major American Authors **Credit Hours: 3**
- AML 4304 - Whitman and His Heirs
- AML 4321 - Modern American Literature **Credit Hours: 3**
- AML 4630 - Latino/Latina Literature **Credit Hours: 3**

Anthropology

- ANT 3163 - Mesoamerican Archaeology **Credit Hours: 3**
- ANT 3701 - Engagement & Social Change: Public Anthropology **Credit Hours: 3**

Asian History

- ASH 3222 - Islam and Its Empires **Credit Hours: 3**
- ASH 3223 - The Modern Middle East **Credit Hours: 3**
- ASH 4402 - History of Chinese Civilization **Credit Hours: 3**
- ASH 4404 - Modern China **Credit Hours: 3**
- ASH 4442 - Modern Japan **Credit Hours: 3**

Dance

- DAN 3134 - Dance History I **Credit Hours: 3**

Aerospace Engineering

- EAS 4700C - Aerospace Design I **Credit Hours: 3**

Engineering: General

- EGN 4412C - Interdisciplinary Design I

Engineering: Mechanical

- EML 4501C - Engineering Design I **Credit Hours: 3**

English Composition

- ENC 1101H - Honors Freshman Composition I **Credit Hours: 3**
- ENC 1102H - Honors Freshman Composition II **Credit Hours: 3**
- ENC 3241 - Writing for the Technical Professional **Credit Hours: 3**
- ENC 3241H - Honors Writing for the Technical Professional **Credit Hours: 3**
- ENC 3250 - Professional Writing **Credit Hours: 3**
- ENC 3310 - Magazine Writing I **Credit Hours: 3**
- ENC 3311 - Essay as Cultural Commentary **Credit Hours: 3**
- ENC 3314 - Writing and Rhetoric Foundations **Credit Hours: 3**
- ENC 3315 - Argumentative Writing **Credit Hours: 3**
- ENC 3330 - Rhetorical Traditions **Credit Hours: 3**
- ENC 3331 - Rhetoric and Civic Engagement **Credit Hours: 3**
- ENC 3331H - Honors Rhetoric and Civic Engagement **Credit Hours: 3**
- ENC 3351 - Writing for Publication **Credit Hours: 3**
- ENC 3351H - Honors Writing for Publication **Credit Hours: 3**
- ENC 3373 - Cultural Rhetorics **Credit Hours: 3**
- ENC 3417 - Literacy and Technology **Credit Hours: 3**
- ENC 3453 - Writing About Health and Medicine **Credit Hours: 3**
- ENC 3455 - Writing about Science and Technology **Credit Hours: 3**
- ENC 3455H - Honors Writing About Science and Technology **Credit Hours: 3**
- ENC 3456H - Honors Writing about Health and Medicine **Credit Hours: 3**
- ENC 3473 - Writing in Disciplinary Cultures **Credit Hours: VAR**
- ENC 3502 - Researching Writing and Literacy **Credit Hours: 3**
- ENC 3521 - Writing Across Difference **Credit Hours: 3**
- ENC 4212 - Professional Editing **Credit Hours: 3**
- ENC 4215 - Document Design and Publication **Credit Hours: 3**
- ENC 4218 - Visual Technical Communication **Credit Hours: 3**
- ENC 4262 - International Technical Communication **Credit Hours: 3**
- ENC 4265 - Writing for the Computer Industry **Credit Hours: 3**
- ENC 4275 - Theory and Practice of Tutoring Writing **Credit Hours: 3**
- ENC 4280 - Technical Writing Style **Credit Hours: 3**
- ENC 4290 - Usability Testing for Technical Communication **Credit Hours: 3**
- ENC 4293 - Documentation and Project Management **Credit Hours: 3**
- ENC 4294 - Client-Based Project Management **Credit Hours: 3**
- ENC 4298 - Technical Communication for the Virtual Workplace **Credit Hours: 3**
- ENC 4312 - Theory & Practice Persuasive Writing **Credit Hours: 3**
- ENC 4313 - Research Writing **Credit Hours: 3**
- ENC 4353 - Writing for Social Change **Credit Hours: 3**
- ENC 4354 - Writing with Communities and Nonprofits **Credit Hours: 3**
- ENC 4360 - Nature Writing **Credit Hours: 3**
- ENC 4378 - Writing in Global and Transnational Contexts **Credit Hours: 3**
- ENC 4414 - Writing and Hypertext **Credit Hours: 3**
- ENC 4416 - Writing in Digital Environments **Credit Hours: 3**
- ENC 4416H - Honors Writing in Digital Environments **Credit Hours: 3**
- ENC 4434 - Visual and Material Rhetorics **Credit Hours: 3**

English – General

- ENG 3010 - Practical Criticism **Credit Hours: 3**
- ENG 3014 - Theories and Techniques of Literature Study **Credit Hours: 3**
- ENG 3073 - Cultural Studies Literature **Credit Hours: 3**
- ENG 3833 - Marketing Your Writing **Credit Hours: 3**
- ENG 4114 - Literature and Film **Credit Hours: 3**
- ENG 4614 - Discourse of Global Cultural Studies **Credit Hours: 3**
- LIN 4801 - Language and Meaning **Credit Hours: 3**

English Literature

- ENL 2012 - English Literature I **Credit Hours: 3**
- ENL 2022 - English Literature II **Credit Hours: 3**
- ENL 3231 - Restoration Literature **Credit Hours: 3**
- ENL 3296 - Gothic Literature **Credit Hours: 3**
- ENL 3654 - Black British Literature **Credit Hours: 3**
- ENL 4101 - English Novel **Credit Hours: 3**
- ENL 4220 - English Renaissance Poetry and Prose

- ENL 4230 - Eighteenth-Century Studies **Credit Hours: 3**
- ENL 4240 - English Romantic Writers **Credit Hours: 3**
- ENL 4253 - The Victorian Age **Credit Hours: 3**
- ENL 4262 - Nineteenth Century British Prose **Credit Hours: 3**
- ENL 4273 - Modern British Literature **Credit Hours: 3**
- ENL 4303 - British Authors **Credit Hours: 3**
- ENL 4311 - Chaucer **Credit Hours: 3**
- ENL 4333 - Shakespeare Studies **Credit Hours: 3**

European History

- ENL 4341 - Milton and His Age **Credit Hours: 3**
- EUH 3122 - Medieval Society and Civilization **Credit Hours: 3**
- EUH 3142 - Renaissance and Reformation **Credit Hours: 3**
- EUH 3242 - Modern Europe and the First World War **Credit Hours: 3**
- EUH 3281 - Second World War and Rebirth of Europe **Credit Hours: 3**
- EUH 3451 - History of Modern France **Credit Hours: 3**
- EUH 4284 - Fascism and Nazism in the Interwar Europe **Credit Hours: 3**
- EUH 4465 - Hitler's Third Reich **Credit Hours: 3**
- EUH 4500 - English History to 1485 **Credit Hours: 3**
- EUH 4501 - English History: 1485-1815 **Credit Hours: 3**
- EUH 4571 - History of Russia to 1801 **Credit Hours: 3**
- EUH 4574 - History of Russia: 1801-1917 **Credit Hours: 3**
- EUH 4576 - History of Russia in the 20th Century **Credit Hours: 3**
- EUH 4620 - European Great Powers: 1815-1914 **Credit Hours: 3**

General History and Historiography

- HIS 4150 - History and Historians **Credit Hours: 3**

Humanities

- [HUM 2210H - Honors Humanistic Tradition I](#) **Credit Hours: 3**
- [HUM 3320 - Contemporary Multicultural Studies](#) **Credit Hours: 3**
- [HUM 3401 - Asian Humanities](#) **Credit Hours: 3**
- [HUM 3431 - Ancient Humanities](#) **Credit Hours: 3**
- [HUM 3460 - Latin American Humanities](#) **Credit Hours: 3**
- HUM 3553 - Moses, Jesus and Muhammad
- HUM 3880 - Research Methods in Humanities and Cultural Studies

Journalism

- [JOU 2100C - News Reporting](#) **Credit Hours: 3**
- [JOU 3101 - Advanced Reporting](#) **Credit Hours: 3**
- [JOU 4300 - Feature Writing](#) **Credit Hours: 3**

Latin American History

- [LAH 3200 - Modern Latin America](#) **Credit Hours: 3**
- [LAH 3400 - History of Mexico and Central America](#) **Credit Hours: 3**
- [LAH 3470 - History of the Caribbean](#) **Credit Hours: 3**
- [LAH 4461 - History of Puerto Rico](#) **Credit Hours: 3**
- [LAH 4480 - History of Cuba](#) **Credit Hours: 3**
- [LAH 4503 - History of South America](#) **Credit Hours: 3**
- [LAH 4512 - Modern Argentina](#) **Credit Hours: 3**
- [LAH 4630 - History of Modern Brazil](#) **Credit Hours: 3**

Literature

- [ENL 3451 - Topics in British Literature](#) **Credit Hours: 3**
- [LIT 3082 - Continental European Fiction Since 1900](#) **Credit Hours: 3**
- [LIT 3132 - Legend & Literature of King Arthur](#) **Credit Hours: 3**
- [LIT 3192 - Caribbean Literature](#) **Credit Hours: 3**
- [LIT 3192H - Honors Caribbean Literature](#) **Credit Hours: 3**

- [LIT 3202 - Death and Dying](#) **Credit Hours: 3**
- [LIT 3206 - Place and Space in Literature](#) **Credit Hours: 3**
- [LIT 3212 - Research & Writing About Literature](#) **Credit Hours: 3**
- [LIT 3313 - Science Fiction](#) **Credit Hours: 3**
- [LIT 3313H - Honors Science Fiction Literature](#) **Credit Hours: 3**
- [LIT 3368 - Magical Realism in Literature](#) **Credit Hours: 3**
- [LIT 3381 - Women Writers of Color](#) **Credit Hours: 3**
- [LIT 3383 - Women in Literature](#) **Credit Hours: 3**
- [LIT 3383H - Honors Women in Literature](#) **Credit Hours: 3**
- [LIT 3394 - Literature of AIDS](#) **Credit Hours: 3**
- [LIT 3394H - Honors Literature of AIDS](#) **Credit Hours: 3**
- [LIT 3482 - Literature & Popular Culture](#) **Credit Hours: 3**
- [LIT 3605 - Literature and War](#) **Credit Hours: 3**
- [LIT 3714 - Literary Modernism](#) **Credit Hours: 3**
- [LIT 3823 - Hispanic Women Writers](#) **Credit Hours: 3**
- [LIT 3931 - Topics in World Literature](#) **Credit Hours: 3**
- [LIT 3932 - Topics in Popular Fiction](#) **Credit Hours: 3**
- [LIT 3933 - Literature and Law](#) **Credit Hours: 3**
- [LIT 4043 - Modern Drama As Literature](#) **Credit Hours: 3**
- [LIT 4184 - Irish Literature](#) **Credit Hours: 3**
- [LIT 4233 - Postcolonial Theory and Literature](#) **Credit Hours: 3**
- [LIT 4244 - World Authors](#) **Credit Hours: 3**
- [LIT 4303 - Post-World War II Fiction](#) **Credit Hours: 3**
- [LIT 4374 - Literature of the Bible](#) **Credit Hours: 3**
- [LIT 4374H - Honors Literature of the Bible](#) **Credit Hours: 3**
- [LIT 4433 - Literature of Science and Technology](#) **Credit Hours: 3**
- [LIT 4554 - Advanced Feminist Theories](#) **Credit Hours: 3**

Music: History/Musicology

- [MUH 3211 - Music History and Literature I](#) **Credit Hours: 3**
- [MUH 3212 - Music History and Literature II](#) **Credit Hours: 3**

Music Literature

- [MUL 2010 - Enjoyment of Music](#) **Credit Hours: 3**

Music

- [MUS 4674 - Health and Wellness for the Performing Artist](#) **Credit Hours: 3**

Public Administration

- [PAD 3733 - Professional Administrative Writing in the Public Sector](#) **Credit Hours: 3**
- [PAD 4034 - The Administration of Public Policy](#) **Credit Hours: 3**

History of Philosophy

- [PHH 3100 - Ancient Philosophy](#) **Credit Hours: 3**
- [PHH 3200 - Medieval Philosophy](#) **Credit Hours: 3**
- [PHH 3460 - Modern Western Philosophy](#) **Credit Hours: 3**
- [PHH 3700 - American Philosophy](#) **Credit Hours: 3**

Philosophy

- [PHI 3083 - Research Methods in Philosophy](#) **Credit Hours: 3**
- [PHI 3323 - Minds and Machines: Philosophy of Cognitive Science](#) **Credit Hours: 3**
- [PHI 3451 - Philosophy of Psychology](#) **Credit Hours: 3**
- [PHI 3670 - Ethical Theory](#) **Credit Hours: 3**
- [PHI 4321 - Philosophies of Embodiment: Mind/Body/Self](#) **Credit Hours: 3**
- [PHI 4500 - Metaphysics](#) **Credit Hours: 3**
- [PHI 4804 - Critical Theory](#) **Credit Hours: 3**
- [PHI 4931 - Philosophy in the News](#) **Credit Hours: 3**

Philosophy of Man and Society

- [PHM 3401 - Philosophy of Law](#) **Credit Hours: 3**

Philosophers and Schools

- [PHP 4782 - Phenomenology](#) **Credit Hours: 3**

Paralegal/Legal Assistant/Legal Administration

- [PLA 3155 - Legal Writing](#) **Credit Hours: 3**
- [PLA 4935 - Capstone: Legal Issues](#) **Credit Hours: 3**

Religion

- [REL 3130 - Religion in America](#) **Credit Hours: 3**
- [REL 3320 - Moses, Jesus and Muhammad](#) **Credit Hours: 3**
- [REL 3432 - Mysticism](#) **Credit Hours: 3**

Radio-Television

- [RTV 4403 - Electronic Media, Technology, and Society](#) **Credit Hours: 3**

Theatre Studies and General Resources

- [THE 2000 - Theatre Survey](#) **Credit Hours: 3**
- [THE 2304 - Script Analysis](#)
- [THE 3250 - Sex, Drugs, & the Rock and Roll Musical](#) **Credit Hours: 3**
- [THE 3311 - Theatre History and Dramatic Literature I](#) **Credit Hours: 3**
- [THE 3312 - Theatre History and Dramatic Literature II](#) **Credit Hours: 3**
- [THE 3313 - Theatre History and Dramatic Literature III](#) **Credit Hours: 3**
- [THE 4212 - Global Theatre](#) **Credit Hours: 3**
- [THE 4230 - Cultural Diversity in Theater](#) **Credit Hours: 3**
- [THE 4423 - Women in Theatre](#) **Credit Hours: 3**
- [THE 4543 - Theatre for Social Change](#) **Credit Hours: 3**

Theatre Production and Administration

- [TPA 3601 - Stage Management: Techniques](#) **Credit Hours: 3**
- [TPA 4401C - Theatre Careers in Production](#) **Credit Hours: 3**

Theatre Performance and Performance Training

- [TPP 3310C - Directing for Theatre I](#) **Credit Hours: 3**
- [TPP 4940L - Theatre Internship](#) **Credit Hours: 6**

World History

- [WOH 2012H - Honors World Civilization I](#) **Credit Hours: 3**

Two Degrees

- A student may earn two degrees, a BA and a BS, by completing the requirements for both majors and earning a minimum of 150 credit hours.
- A student may earn two degrees, either both BA or both BS, if the degrees are earned in separate colleges and a minimum of 150 (or more) credit hours are earned.
- A student may earn two degrees, either both BA or both BS, within the same college if allowed by the particular college and a minimum of 150 (or more) credit hours are earned.

Students earning two degrees may use different Catalog years for each degree. If different Catalog years are used, the general university requirements in the latest of the two catalogs will be applied to both degrees.

University Notices

Academic Behavior Standards

The University of Central Florida is committed to a policy of honesty in academic affairs. Conduct that comprises a breach of this policy may result in academic action, disciplinary action, and/or program action. Academic action affects student assignments, examinations or grades. Disciplinary action may affect student enrollment status. Program action may affect the student's status in a specific program of study. Academic Misconduct includes but is not limited to cheating, plagiarism, misuse of sources, assisting another in cheating or plagiarism, and commercial use of academic materials. The violations of student academic behavior standards on the undergraduate and graduate level are listed and defined in the "Rules of Conduct" in The Golden Rule Student Handbook.

Note: A student who has assisted another in any of the aforementioned breach of standards shall be considered equally culpable. In cases of cheating or plagiarism, the instructor may document the incident and choose to take appropriate academic action ranging from loss of credit for a specific assignment, examination, or project to removal from the course with a grade of "F." Additionally, disciplinary action may be taken through the Office of Student Conduct, which may result in punitive and education sanctions, as outlined in The Golden Rule Student Handbook. Students found in violation more than one reported Academic Misconduct violation or suspended for a reported violation, the student will receive a Z designation that would be included with the earned grade on transcripts, designating that academic misconduct occurred. Information regarding the Z designation, its application or removal from a transcript can be found in The Golden Rule Student Handbook.

Accreditation

The University of Central Florida is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award degrees at the associate, baccalaureate, master's, specialist, and doctoral levels. Questions about the accreditation of UCF may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, GA 30033-4097, by calling (404) 679-4500, or by using information available on SACSCOC's website (www.sacscoc.org).

More information about the accreditation of UCF may be found at apq.ucf.edu/institutional-accreditation.

| Degree Program | Accrediting Body |
|---|---|
| Arts and Humanities | |
| Bachelor of Arts in Music
Bachelor of Music Education
Bachelor of Music programs in Composition, Jazz Studies, and Performance | <i>accredited by the National Association of Schools of Music (NASM)</i>
11250 Roger Bacon Drive, Suite 21
Reston, Virginia 20190-5248 |
| Bachelor of Fine Arts in Theatre
Bachelor of Arts in Theatre Studies | <i>accredited by the National Association of Schools of Theatre (NAST)</i>
11251 Roger Bacon Drive, Suite 21
Reston, Virginia 20190-5248 |
| Business Administration | |
| Bachelor of Science in Business Administration programs in Accounting, Business Economics, Finance, Integrated Business, Management, Marketing, and Real Estate
Bachelor of Science in Economics | <i>accredited by The Association to Advance Collegiate Schools of Business (AACSB International)</i>
777 South Harbour Island Boulevard, Suite 750
Tampa, FL 33602-5730 |
| Community Innovation and Education | |
| All Bachelor of Science and Bachelor of Music Education programs leading to initial teacher certification | <i>approved by the Florida Department of Education</i> |

| Degree Program | Accrediting Body |
|---|---|
| Bachelor of Science in Health Informatics and Information Management | <i>accredited by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM)</i>
200 East Randolph Street, Suite 5100
Chicago, IL 60601-5800 |
| Bachelor of Science in Health Services Administration | <i>accredited by the Association of University Programs in Health Administration (AUPHA)</i>
1730 M Street NW, Suite 407
Washington DC 20036 |
| Engineering and Computer Science | |
| Bachelor of Science programs in Aerospace Engineering, Civil Engineering, Computer Engineering, Construction Engineering, Electrical Engineering, Environmental Engineering, Industrial Engineering and Mechanical Engineering | <i>accredited by the Engineering Accreditation Commission of ABET,</i>
https://www.abet.org |
| Bachelor of Science programs in Computer Science, Information Technology | <i>accredited by the Computing Accreditation Commission of ABET,</i>
https://www.abet.org |
| Health Professions and Sciences | |
| Bachelor of Science in Athletic Training | <i>accredited by the Commission on Accreditation of Athletic Training Education (CAATE)</i>
6850 Austin Center Boulevard, Suite 100
Austin, TX 78731-3184 |
| Bachelor of Science in Kinesiology - Sport and Athletic Coaching track | <i>accredited by the National Committee for the Accreditation of Coaching Education (NCACE)</i>
364 Patteson Drive #272,
Morgantown, WV 26505 |
| Bachelor of Social Work | <i>accredited by the Council on Social Work Education (CSWE)</i>
1701 Duke Street, Suite 200
Alexandria, VA 22314-3457 |
| College of Medicine - Burnett School of Biomedical Sciences | |
| Bachelor of Science in Medical Laboratory Sciences | <i>accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS)</i>
5600 N. River Road, Suite 720
Rosemont, IL 60018-5119 |
| Nursing | |
| | |

| Degree Program | Accrediting Body |
|--|--|
| Bachelor of Science in Nursing | <i>approved by the Florida Board of Nursing</i>
4042 Bald Cypress Way, Room 120
Tallahassee, FL 32399

<i>accredited by the Commission on Collegiate Nursing Education (CCNE)</i>
655 K Street, NW, Suite 750,
Washington, DC 20001 |
| Optics and Photonics | |
| Bachelor of Science program in Photonic Science and Engineering | <i>accredited by the Engineering Accreditation Commission of ABET,</i>
https://www.abet.org |
| Sciences | |
| Bachelor of Science in Chemistry | <i>accredited by the American Chemical Society (ACS) Committee on Professional Training</i>
1155 Sixteenth Street, NW
Washington, DC 20036 |
| Bachelor of Science in Forensic Science | <i>accredited by the American Chemical Society (ACS) Committee on Professional Training</i>
1155 Sixteenth Street, NW
Washington, DC 20036

<i>accredited by the Forensic Science Education Programs Accreditation Commission (FEPAC)</i>
410 North 21st Street
Colorado Springs, CO 80904 |

UCF is listed in *Transfer Credit Practices on Designated Educational Institutions* with the highest level of credit acceptability. This handbook is published by the American Association of Collegiate Registrars and Admission Officers and lists the acceptability of transfer credits based upon the reporting institutions in the states, commonwealths, territories, and selected international institutions.

Campus Alcoholic Beverages Policy

The sale, service, distribution, possession and consumption of alcoholic beverages shall comply with state and federal laws, city and county ordinances, and the licensing agreement with on-campus retailers which allows for the sale and service of alcoholic beverages. In addition the University has formulated the following policies governing the sale, service, distribution, possession and consumption of alcoholic beverages on campus. Refer to University of Central Florida Policy 3-115.1 "Alcoholic Beverages on Campus" and University of Central Florida Regulation "UCF-4.035 Alcoholic Beverages on Campus" for further information.

Guidelines

The sale, service, and distribution of alcoholic beverages to persons younger than 21 years of age is prohibited. Possession or consumption of alcoholic beverages is prohibited by persons younger than 21 years of age.

Possession and consumption of alcoholic beverages in open or unsealed containers is prohibited except in designated areas or as approved with special events.

Individuals are responsible for their actions regardless of their mental or physical state as it may be affected by mind-altering chemicals such as alcohol and other drugs.

Student organizations may develop more stringent regulations regarding alcohol use.

Locations

The sale of alcoholic beverages to individuals of legal age will be permitted in licensed areas by licensed on-campus retailers.

The sale or service of alcoholic beverages to individuals of legal age will be permitted at other select campus locations for catered functions by properly authorized retailers.

The possession or consumption of alcohol by individuals of legal age may be permitted in private residential rooms in the residence halls and other on-campus or affiliated housing unless otherwise prohibited by the governing organization. Consumption of alcoholic beverages in public or common areas within on-campus residential units shall follow guidelines provided by their governing organization, and local, state and federal law.

Approval Procedures: Student Groups

Prior approval for students or student organizations to host an event where alcoholic beverages are present in non-licensed campus locations must be obtained from the Director of Student Leadership Programs.

The following information must be supplied by the student organization and approved by the appropriate university officials, no less than 15 calendar days prior to the event(s). These arrangements include but are not limited to: sponsoring organization and nature of event; date, beginning and ending times, and location of event; number in attendance and method of registering guests; method of designation of those who are 21 years or older and those who are under 21 years of age; contained area where alcohol consumption is permitted; type of alcohol along with food and alternative non-alcoholic beverages to be provided; method of security including number of campus police officers; person to be contacted at event in case of questions or problems.

Approval Procedures: Non-Student Groups

Alcoholic beverages may be sold and /or served by an approved third party vendor. All third party vendors who sell and/or serve alcoholic beverages must be licensed by the State of Florida as an alcoholic beverage retailer. Groups or organizations who seek to sell beer or wine along with a non-alcoholic choice at other locations on campus must obtain approval to secure a beer or wine license from the Director of Business Services prior to making application for the license. With approval from the Director of Business Services, the group must apply to the Alcoholic Beverages and Tobacco Division of the Department of Business Regulations of the State of Florida for obtain a temporary permit for the sale of alcoholic beverages, for consumption on premises only, and for a period not to exceed 3 days per event. Off-campus groups or organizations who seek to serve alcoholic beverages in a location and situation which does not require a license must obtain prior approval to serve alcohol on campus from the Director of Business Services.

For the complete and definitive version of the Drug-Free Workplace/Drug-Free Schools Policy Statement, please go to: goldenrule.sdes.ucf.edu.

Complaint Policy

The University of Central Florida supports the right of students to file grievances, lodge complaints, and make appeals in a safe environment free of fear, retaliation, or other adverse consequence. The University has a number of offices and committees that are responsible for implementing the institution's established procedures for addressing written academic and non-academic student complaints.

In most cases, the recommended strategy for complaints of any nature is to ask the concerned individual to first contact the person or office most directly connected to the issue, unless there are compelling reasons not to do so. If the concerned individual does not want to contact a faculty or staff member directly, he or she begins with the next highest level of authority, which typically is the department chair or director. If the problem or complaint is unresolved or the individual is not satisfied with the resolution, he or she may file a written grievance or appeal in most cases. Procedures are outlined in UCF's [Student Complaints and Appeals website](#) and included in specific sections of the Undergraduate Catalog and The Golden Rule Student Handbook.

Drug-Free Workplace/Drug-Free Schools Policy Statement

Standards of conduct and disciplinary sanctions will be imposed for the unlawful possession, misuse or distribution of illicit drugs and alcohol by UCF students and employees on UCF property or as part of any of its activities. The unlawful manufacture, distribution, dispensation, possession or misuse of a controlled substance, prescription medication or the unlawful possession and use of alcohol is harmful and prohibited in and on UCF owned and controlled property or as part of any of its activities. Any UCF employee or student determined to have violated this policy shall be subject to disciplinary action for misconduct, which may include termination/expulsion and referral for prosecution. No employee/student is to report to work/class or attend any

University activity while under the influence of illegal drugs or alcohol. Violation of these policies by an employee/student will be reason for evaluation/treatment for drug/alcohol disorder and/or for disciplinary action up to and including termination/expulsion and/or referral for prosecution consistent with local, state and federal law.

Non-Discrimination Policy

The University of Central Florida does not unlawfully discriminate in any of its education or employment programs and activities on the basis of an individual's race, color, ethnicity, national origin, religion, non-religion, age, genetic information, sex (including pregnancy and parental status, gender identity or expression, or sexual orientation), marital status, physical or mental disability (including learning and intellectual disabilities), political affiliations, prior conviction of a crime, protected veteran's status or membership in any other protected classes as set forth in state or federal law. The University prohibits discrimination based on these protected classes, which includes the prohibition of discriminatory harassment, sexual assault, sexual exploitation, relationship violence, stalking, sexual or gender-based harassment, Title IX sexual harassment, and retaliation against a person for the good faith reporting of any of these forms of conduct or participation in or party to any investigation or proceeding related to a report of these forms of conduct.

Discriminatory harassment consists of verbal, physical, electronic or other conduct based upon an individual's protected class as set forth above that interferes with that individual's educational or employment opportunities, participation in a University program or activity, or receipt of legitimately-requested services under either Hostile Environment Harassment or Quid Pro Quo Harassment. Hostile Environment Harassment is discriminatory harassment that is so severe, persistent or pervasive that it unreasonably interferes with, limits, deprives, or alters the conditions of education (e.g., admission, academic standing, grades, assignment); employment (e.g., hiring, advancement, assignment); or participation in a University program or activity (e.g., campus housing), when viewed from both a subjective and objective perspective. Quid Pro Quo Harassment is discriminatory harassment where submission to or rejection of unwelcome conduct is used, explicitly or implicitly, as the basis for decisions affecting an individual's education; employment; or participation in a University program or activity.

Sexual harassment is any unwelcome sexual advance, request for sexual favors, or other unwanted conduct of a sexual nature, whether verbal, non-verbal, graphic, physical, or otherwise, when the conditions for Hostile Environment Harassment or Quid Pro Quo Harassment are present. Gender-based harassment includes harassment based on gender, sexual orientation, gender identity, or gender expression, which may include acts of aggression, intimidation, or hostility, whether verbal or non-verbal, graphic, physical, or otherwise, even if the acts do not involve conduct of a sexual nature, when the conditions for Hostile Environment Harassment or Quid Pro Quo Harassment are present. Title IX Sexual Harassment includes conduct that occurs on the basis of sex in a university education program or activity in the United States that satisfies one or more of the following: an employee conditioning the provision of an aid, benefit or service on an individual's participation in unwelcome sexual conduct (i.e. quid pro quo), unwelcome conduct determined by a reasonable person to be so severe, pervasive, and objectively offensive that it effectively denies a person equal access to an education program or activity (i.e. hostile environment), or sexual assault (as defined by the Clery Act) or domestic violence, dating violence, or stalking (as defined by the VAWA). Sexual assault consists of sexual contact and/or sexual intercourse that occurs without consent. Sexual exploitation is purposely or knowingly doing or attempting to do any of the following: exposing of one's body in a manner that another party reasonably could be offended or to display sexual behavior which another person finds reasonably offensive; voyeurism, including trespassing, spying, or eavesdropping for the purpose of sexual gratification; soliciting sex acts from a minor by oral, written, or electronic means; possessing, producing, disseminating child pornography; recording or photographing private sexual activity and/or a person's intimate parts (including genitalia, groin, breasts or buttocks) without consent; disseminating or posting images of private sexual activity and/or a person's intimate parts (including genitalia, groin, breasts or buttocks) without consent; allowing third parties to observe private sexual activity from a hidden location (e.g., closet) or through electronic means (e.g., Skype or livestreaming of images); subjecting another person to human trafficking; or exposing another person to a sexually transmitted infection or virus without the other's knowledge. Relationship violence includes any act of violence or threatened act of violence that occurs between individuals who are involved or have been involved in a sexual, dating, spousal, domestic, or other intimate relationship. Stalking occurs when a person engages in a course of conduct directed at a specific person under circumstances that would cause a reasonable person to fear for the person's safety or the safety of others, or to experience substantial emotional distress.

A student or employee determined by the University to have committed an act of discrimination as described above is subject to disciplinary action, up to and including permanent separation from the University. Third-parties who commit these acts may have their relationships with the University terminated and/or their privileges of being on University premises withdrawn.

Most University faculty and staff (including professors, lecturers, instructors, academic advisors, trainers

coaches, and resident assistants) are not confidential employees and are required to immediately report to the University's Title IX Coordinator all relevant details (obtained directly or indirectly) about an incident of sexual assault, relationship violence and/or stalking that involves any student as a complainant, respondent, or witness. Confidential employees (including Health Services employees, Counseling and Mental Health Services employees, Ombuds Office employees, Student Legal Services employees and Victim Services employees) are not required to make these reports and will not disclose information without the permission of the student (subject to limited exceptions). More information about UCF's resources and reporting options for individuals who have experienced sexual harassment (including sexual and/or interpersonal violence) and related policies can be found at letsbeclear.ucf.edu.

Employees, students, contractors, vendors, visitors, guests or third-parties may obtain further information on the University's nondiscrimination and Title IX sexual harassment policies, including grievance procedures, from the Office of Institutional Equity (OIE). Nancy Myers (OIE Director) is responsible for the University's response to all forms of discrimination based on a protected class. UCF's Title IX Coordinator, Matt Ricke, who is also an Assistant Director with OIE, is responsible for the University's response to reports of sex discrimination, sexual harassment and sexual misconduct. For more information about OIE, please visit OIE's website at oie.ucf.edu or call 407-UCF-1EE0. To contact UCF's Title IX Coordinator, Matt Ricke, directly, please call 407-823-1336 or send an email to matt.ricke@ucf.edu.

Student Responsibility for University Communication

UCF uses email as the official means of notifying students of important information concerning registration, deadlines, financial assistance, scholarships, student accounts (including tuition and fees), academic progress and problems, and many other critical items. The university sends all business-related and academic messages to a student's Knights Email address to ensure that there is one repository for that information. Every student must register for, and maintain, a Knights Email account at knightsemail.ucf.edu and check it regularly to avoid missing important information from the university. Any difficulty with establishing an account or with accessing an established account can be resolved through the UCF Service Desk (itsupport@ucf.edu or 407-823-5117). Communication with students via electronic mail is covered by UCF Policy 4-010.1.

Additionally, each student must have an up-to-date emergency email address and cell phone number by which they can be reached in case of a campus emergency. This emergency contact information will be used only for emergency communication purposes. Also, both permanent and local mailing addresses must be on record, so that any physical documents that must be mailed can be delivered.

It is critical that students maintain and regularly check their Knights Email account for official announcements and notifications. Communications sent to the Knights Email address on record will be deemed adequate notice for all university communications, including issues related to academics, finances, registration, parking, and other matters. The University does not accept responsibility if official communication fails to reach a student who has not registered for, or maintained and checked their Knights Email account on a regular basis. Please ensure that this information is current and that any changes in contact information are made online through the myUCF portal at my.ucf.edu.

Student Use of Technology

The University of Central Florida expects all students to have ready access to a personal computer and software appropriate to his or her field of study. Students can meet this expectation by purchasing or leasing a computer, sharing a computer with family or roommates, or using a UCF computer lab.

All UCF students should expect to use a personal computer in many University activities, including coursework, accessing library information, registering for classes, emailing correspondence to instructors or fellow students, or taking online classes. In addition, many UCF courses require the use of the Internet.

The University of Central Florida has developed one of the nation's most advanced campus technology environments, and all UCF students are provided free Knights Email accounts and Internet access.

Students wishing to acquire a personal computer are strongly advised to consider a laptop. Laptop and PC recommended configurations can be found at tpc.ucf.edu/product-category/shop-by-major/.

Undeclared Policy

All University of Central Florida students must officially declare a major that leads to degree progression prior to earning 45 college credit hours (this includes credits earned from college-level exam placement, Dual Enrollment, advanced placement, and international baccalaureate). Undeclared students will have mandatory academic advising requirements facilitated by the Knights Major Exploration and Transition Center (KMETC). New

and current students may choose the undeclared major and work with the KMETC in determining an appropriate undergraduate major. To learn more about the Major Exploration Program, please visit the following website, <https://academicsuccess.ucf.edu/kmetc/students/>.

Undergraduate Academic Policy Statement

The University of Central Florida may change any of the announcements, information, policies, rules, regulations, or procedures set forth in the Undergraduate Catalog. The Undergraduate Catalog is published online once a year and cannot always reflect new and modified regulations. Statements in the Undergraduate Catalog may not be regarded in the nature of binding obligations on the institution or the State of Florida. While every effort will be made to accommodate the curricular needs of students, limited resources may prevent the University from offering all required courses in each semester or in day and evening sections.

Students will be held accountable for the requirements, policies, and procedures described in the Undergraduate Catalog. Additional information or clarification of any policy or procedure may be obtained from the specified office.